

Lista propunerii proiecte primite - PCE, competitia 2011

Nr. crt.	Project Registration Code	Nume	Prenume	Institutie	Titlul Proiectului (RO)	Titlul Proiectului (EN)	Cod Subdom.	Nume Subdomeniu
1	PN-II-ID-PCE-2011-3-0073	Casian-Botez	Irinel	Technical University "Gh. Asachi" of Iasi	Teoria Spatiu-Timpului Fractal ca Model Unificat pentru Proprietatile Electrice ale Nanostructurilor cu Aplicatii la Frecvente Mari (GHz-THz)	Fractal Space-Time Theory as a Unified Model of Electrical Properties of Nanostructures with Applications in High Frequency (GHz-THz)Domain	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
2	PN-II-ID-PCE-2011-3-0018	Luchian	Tudor	Alexandru Ioan Cuza University		QUANTITATIVE AND PREDICTIVE MOLECULAR INVESTIGATION OF INTERACTIONS BETWEEN SOLUBLE AMYLOID PEPTIDES AND OLIGOMERS WITH ORGANIZED LIPID SYSTEMS	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction
3	PN-II-ID-PCE-2011-3-0030	Săbău	Gavril	INSTITUTUL NATIONAL DE CERCETARE-DEZVOLTARE PENTRU GEOLOGIE SI GEOECOLOGIE MARINA - GEOECOMAR RA	Arhitectura unităților de soclu din România: o abordare cronologică prin vârste chimice de monazit folosind microsonds electronică pentru determinări	The architecture of Romanian metamorphic basement units: a chronological insight from monazite electron microprobe chemical age determinations	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
4	PN-II-ID-PCE-2011-3-0308	Munteanu	Cornel	Universitatea de Nord Baia Mare	Discurs si metoda in critica despre Eminescu(teoria criticii, tipologie, metode critice, termeni-concept, stiluri si limbaje)	DISCOURSE AND METHOD IN THE CRITIQUE ON MIHAI EMINESCU (theoretical aspects, typology, critical methods, concept terms, styles and languages)	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
5	PN-II-ID-PCE-2011-3-0151	Mihalca	Andrei	University of Agricultural Sciences and Veterinary Medicine	O abordare geospatiale pentru studiul ecologiei, distributiei si rolului vectorial al artropodelor parazite	Geospatial approach to the ecology, distribution and vectorial role of parasitic Arthropoda	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
6	PN-II-ID-PCE-2011-3-0521	Marin	Liviu	Institute of Solid Mechanics, Romanian Academy (Institutul de Mecanica Solidelor al Academiei Romane)		Computational Methods for Inverse Problems Associated with Solids Subject to Mechanical and Thermal Loads	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics

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7	PN-II-ID-PCE-2011-3-0039	Militaru	Gigel	University of Bucharest		Hopf algebras and related topics	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
8	PN-II-ID-PCE-2011-3-0022	Nicolae	Goga	Politehnica University of Bucharest	Metode multiscaling pentru dinamica moleculara	Multiscaling Methods for Molecular Dynamics	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
9	PN-II-ID-PCE-2011-3-0731	Vlase	Laurian	University of Medicine and Pharmacy Iuliu Hatieganu	INTERACTIUNI FARMACOCINETICE SI RELEVANTA LOR CLINICA DINTRE BETA-BLOCANTUL CARDIOSELECTIV NEBIVOLOL SI INHIBITORI AI ENZIMELOR SALE DE METABOLIZARE	PHARMACOKINETIC AND CLINICAL RELEVANCE OF INTERACTIONS BETWEEN CARDIOSELECTIVE BETA-BLOCKER NEBIVOLOL WITH ITS OWN METABOLISING ENZYME INHIBITORS	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
10	PN-II-ID-PCE-2011-3-1014	IONESCU	Mihail E.	NATIONAL SCHOOL FOR POLITICAL STUDIES AND PUBLIC ADMINISTRATION/CENTER FOR EAST-EUROPEAN AND ASIAN STUDIES	Parteneriatul Estic. Evaluarea Nevoilor de Securitate Civila si Oportunitati/Optiuni de Dezvoltare	Eastern Partnerhip. Civilian Security Need-Assessment and Development Opportunities/Options	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
11	PN-II-ID-PCE-2011-3-0939	Virgil	lordache	University of Bucharest	Fundamente si instrumente pentru coevolutia regulilor formale si informale implicate in dezvoltarea durabila a sistemelor socio-ecologice	Foundations and tools for the multiscale coevolution of formal and informal rules involved in the Sustainable development of socio-ecological systems	SH3	Environment and society: environmental studies, demography, social geography, urban and regional studies
12	PN-II-ID-PCE-2011-3-0334	Neagoe	Aurora	Universitatea din Bucuresti	Influența azotului și fosforului asupra acumulării metalelor grele și fracționării izotopice în plante la multiple scări spațiale	Influence of nitrogen and phosphorus on heavy metals accumulation and isotopic fractionation by plants at multiple scales	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management

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13	PN-II-ID-PCE-2011-3-0439	Diaconescu	Razvan	Institutul de Matematica Simion Stoilow al Academiei Romane	Metode de Logica Universala pentru Informatica	Universal Logic Methods for Computer Science	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
14	PN-II-ID-PCE-2011-3-0294	Doni	Mihaela	Institutul National de Cercetare- Dezvoltare pentru Chimie si Petrochimie - ICECHIM	SISTEME ANALITICE BAZATE PE REACTII ENZIMATICE IN MEDII DE MICELE INVERSE (ASERM)	ANALYTICAL SYSTEMS BASED ON ENZYMATIC REACTIONS IN REVERSE MICELLAR MEDIA (ASERM)	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
15	PN-II-ID-PCE-2011-3-0114	Munteanu	Daniel	Transilvania University of Brasov	Dezvoltarea unor filme subtiri nanostructurate, cu rol multifunctional, pe substraturi polimerice (plastice).	Development of new multifunctional nanostructured thin-films on flexible polymeric (plastic) substrates.	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
16	PN-II-ID-PCE-2011-3-0550	Birliba	Lucretiu	Universitatea "Alexandru Ioan Cuza" din Iasi	Dinamica fenomenului colonizator in mediul civil si militar din provincia Moesia Inferior. Un model de abordare contrastiva	The dynamics of colonization in the civilian and military milieu of the Roman province Moesia Inferior. A model of an contrastive approach	SH6	The study of the human past: archaeology, history and memory
17	PN-II-ID-PCE-2011-3-0720	Jurcut	Ruxandra Oana	University of Medicine and Pharmacy "Carol Davila"	Screening al mutatiilor genetice trombofilice la pacienti tineri cu tromboze acute arteriale si venoase: corelatii genotip-fenotip	SCREENING FOR THROMBOPHILIA GENE MUTATIONS IN YOUNG PATIENTS WITH ACUTE ARTERIAL AND VENOUS THROMBOSIS: GENOTYPE-PHENOTYPE CORRELATIONS	LS4	Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis,cardiovascular disease, metabolic syndrome
18	PN-II-ID-PCE-2011-3-0838	FULGA	Cristinca	Academy of Economic Studies		Dynamic Risk Measures and Bounded Optimality in Decision Processes: Theory and Applications	SH1	Individuals, institutions and markets: economics, finance and management
19	PN-II-ID-PCE-2011-3-0235	Oara	Cristian	Universitatea Politehnica din Bucuresti	Reglare robusta in cazuri nestandard	Robust control in nonstandard cases	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
20	PN-II-ID-PCE-2011-3-0630	FISTUNG	FRANTZ DANIEL	Centre for Industrial Economics and Services – The Romanian Academy	Redimensionarea pieței transporturilor prin internalizarea costurilor externe cauzate de activitățile modale specifice	Resizing the transport market by internalizing the external costs caused by the specific modal activities	SH3	Environment and society: environmental studies, demography, social geography, urban and regional studies

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21	PN-II-ID-PCE-2011-3-0031	Marinoschi	Gabriela	Gheorghe Mihoc-Caius Iacob Institute of Mathematical Statistics and Applied Mathematics of the Romanian Academy		Duality techniques for the well-posedness and optimal control of the nonlinear diffusion dynamics	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
22	PN-II-ID-PCE-2011-3-0128	Darabantu	Mircea	University BABES-BOLYAI	Sinteza iterativa. Noi melamine dendritice care incorporeaza unitati serinolice. Design, preparare, analiza structurala si potentiale aplicatii.	ITERATIVE SYNTHESIS. NOVEL DENDRITIC MELAMINES INCORPORATING SERINOLIC UNITS. DESIGN, PREPARATION, STRUCTURAL ANALYSIS AND POTENTIAL APPLICATIONS.	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
23	PN-II-ID-PCE-2011-3-1076	Peteu	Serban	Institutul National de Cercetare Dezvoltare pentru Chimie si Petrochimie - ICECHIM		Peroxynitrite: Relevance for Food Safety and Novel Electrochemical Detection	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
24	PN-II-ID-PCE-2011-3-0571	Mic	Aurel Felix	Spitalul Clinic Judetean de Urgenta Timisoara	Modelarea si simularea dinamicii populatiilor de timocite si componentelor celulare ale medulei timusului in conditii normale si patologice	Modeling and simulation of the dynamics of thymocyte populations and cells of the thymus medulla under normal and pathological situations	LS2	Genetics, Genomics, Bioinformatics and Systems Biology: genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics, metabolomics, bioinformatics, computational biology, biostatistics, biological modelling and simulation, system
25	PN-II-ID-PCE-2011-3-0893	Badin	Luiza	Academia de Studii Economice din Bucuresti		ASSESSING THE IMPACT OF EXTERNAL, ENVIRONMENTAL FACTORS ON THE EFFICIENCY OF ECONOMIC PRODUCERS: STATISTICAL MODELING, SOFTWARE, APPLICATIONS.	SH1	Individuals, institutions and markets: economics, finance and management
26	PN-II-ID-PCE-2011-3-0408	Ionita	Petre	Universitatea din Bucuresti, Facultatea de Chimie	Radicali stabili multifunctionali	Multifunctional organic stable radicals in supramolecular high-spin architectures and materials	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry

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27	PN-II-ID-PCE-2011-3-0606	Munteanu	Ligia	Institute of Solid Mechanics, Romanian Academy	Compozite Sonice Inspirare din Biologie	Biologically Inspired Sonic Composites	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
28	PN-II-ID-PCE-2011-3-0064	Cosma	Ela	Academia Română - Institutul de Istorie "George Barițiu" - Departamentul de Istorie	Armatele imperiale și români. Mărturii militare secrete din arhivele rusești și austriece (1848-1849)	The Imperial Armies and the Romanians. Secret Military Testimonies from the Russian and Austrian Archives (1848-1849)	SH6	The study of the human past: archaeology, history and memory
29	PN-II-ID-PCE-2011-3-0544	Fechete	Radu	Technical University of Cluj-Napoca	Relatiile structura-dinamica-proprietati si efectele imbatranirii elastomerilor si membranelor de schimb protonice nanocompozite	Structure-dynamics-properties relationships and aging effects in nanocomposite elastomers and proton exchange membranes	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
30	PN-II-ID-PCE-2011-3-0587	Vizireanu	Dragos Nicolae	University Politehnica of Bucharest		Contributions to noise reduction algorithms with applications to hearing impaired aids	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
31	PN-II-ID-PCE-2011-3-0063	Marinescu	Valentina	Universitatea din Bucuresti	Pornografia in Romania: O abordare interdisciplinara a sexualitatii explicite din mass media romanest	Pornography in Romania: An interdisciplinary approach to explicit sexuality in the Romanian media	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
32	PN-II-ID-PCE-2011-3-0027	Barbu	Viorel	Academia Romana Filiala Iasi, Octav Mayer Institute of Mathematics		Analysis and control of deterministic and stochastic diffusion equations	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
33	PN-II-ID-PCE-2011-3-0328	Ionita	Elena Gabriela	Institute of Physical Chemistry "Ilie Murgulescu", Romanian Academy	Studiul gelurilor avand in componenta ciclodextrine prin spectroscopie RES: structura, proprietati, aplicatii	Exploring gels containing cyclodextrins by EPR spectroscopy: structure, properties, applications	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
34	PN-II-ID-PCE-2011-3-0900	Duma	Virgil-Florin	Aurel Vlaicu University of Arad (UNIVERSITATEA AUREL VLAICU ARAD)	Studiul radiometric al unor dispozitive si sisteme optice	Radiometric Study of Some Optical Devices and Systems	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering

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35	PN-II-ID-PCE-2011-3-0143	Farcasanu	Ileana Cornelia	University of Bucharest	Identificarea unor noi mecanisme implicate in procese reglatoare dependente de calciu prin intermediul unor screeninguri genomice si chimico-genomice	Getting new insights into calcium-dependent regulatory processes through genomic and chemical genomic screens in yeast	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction
36	PN-II-ID-PCE-2011-3-0021	Fotea	Violeta	Universitatea "Alexandru Ioan Cuza" din Iasi	Structuri algebrice generalizate si aplicatii	Generalized algebraic structures and applications	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
37	PN-II-ID-PCE-2011-3-0192	Nagy	Ladislau	Babes-Bolyai University	Interactiunile atomilor si moleculelor cu pulsuri laser si particule incarcate	Interactions of atoms and molecules with laser pulses and charged particles	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
38	PN-II-ID-PCE-2011-3-0485	Eniko	Albert Lorincz	Babes-Bolyai University Cluj Napoca, Faculty of Sociology and Social Work	Dezvoltarea unei metode calitative noi de cercetare-intervenție in scopul studierii consumului de droguri etnobotanice și a prevenției la adolescenți	Development of a new qualitative method for research-intervention of ethnobotanical drug consumption and prevention at adolescents	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
39	PN-II-ID-PCE-2011-3-0750	Popa	Lucia	Institute for Space Sciences	Studiul Universului Obscur in Cosmologii Motivate de Fizica Particulelor	Enlightening the Dark Universe in Particle Physics Motivated Cosmologies	PE9	Universe sciences: astro-physics/chemistry/biology; solar system; stellar, galactic and extragalactic astronomy, planetary systems, cosmology; space science, instrumentation
40	PN-II-ID-PCE-2011-3-0047	Zamfir	Alina-Diana	Aurel Vlaicu University of Arad	Dezvoltarea tehnicii chip-nanoelectrospray combinata cu spectrometria de masa cu disociere prin transfer de electroni pentru top-down proteomica	Development of chip-based nanoelectrospray in combination with electron transfer dissociation mass spectrometry for top-down proteomics	LS2	Genetics, Genomics, Bioinformatics and Systems Biology: genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics,metabolomics, bioinformatics, computational biology, biostatistics, biologicalmodelling and simulation, system

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41	PN-II-ID-PCE-2011-3-1046	Chelariu	Romeu	The "Gheorghe Asachi" Technical University of Iasi	Sinteza unor noi biomateriale metalice multistrat cu biodegradabilitate controlată pentru stenturi coronariene temporare	The synthesis of novel multilayer metallic biomaterials with controlled biodegradability for temporary coronary stents	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
42	PN-II-ID-PCE-2011-3-0364	Rambu	Nicolae	Universitatea Alexandru Ioan Cuza din Iasi	Iluziile culturale. Perspective axiologice	Cultural Illusion. Axiological perspectives	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
43	PN-II-ID-PCE-2011-3-0534	Tiseanu	Carmen	National Institute for Laser, Plasma & Radiation Physics		Temporally and spectrally resolved luminescence of lanthanide's doped tetravalent nano-oxides: A unitary approach	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
44	PN-II-ID-PCE-2011-3-0237	Cojanu	Valentin	Academia de Studii Economice		Models and patterns of competitive development: a multidimensional analysis of the effects of European integration	SH1	Individuals, institutions and markets: economics, finance and management
45	PN-II-ID-PCE-2011-3-0234	Burlea Schiopoiu	Adriana	University of Craiova	Impactul Responsabilitatii Sociale si al Inovatiei Sociale asupra Crearii si Difuzarii Cunostintelor in Organizatii (ISICO)	Impact of Social Responsibility and Social Innovation on Creation and Dissemination of Knowledge in Organizations (ISIKO)	SH1	Individuals, institutions and markets: economics, finance and management
46	PN-II-ID-PCE-2011-3-0601	Munteanu	Florentina-Daniela	"Aurel Vlaicu" University of Arad	Biodegradarea hidrocarburilor aromatice policiclice utilizând enzime ligninolitice din "white rot fungi"	Biodegradation of Polycyclic Aromatic Hydrocarbons by Ligninolytic Enzymes from White Rot Fungi	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
47	PN-II-ID-PCE-2011-3-1047	GATA	Anca	Universitatea Dunarea de Jos din Galati	Ajustarea strategica, identificarea sofismelor, tehnici de manipulare. Conventionalizarea contextului in analiza reconstructiva pragma-dialectica	Strategic maneuvering, fallacy identification, and manipulation techniques. Conventionalizing context in pragma-dialectical reconstructive analysis	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education

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48	PN-II-ID-PCE-2011-3-0131	Beltita	Daniel	Institute of Mathematics "Simion Stoilow" of the Romanian Academy	Calcul operatorial pentru reprezentari de grupuri Lie, cu aplicatii la ecuatii cu derivate parțiale și fizica cuantica	Operator Calculus for Lie Group Representations, with Applications to PDE and Quantum Physics	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
49	PN-II-ID-PCE-2011-3-0581	SAFTA	CARMEN-ANCA	University Politehnica of Bucharest	Controlul curgerii și interferența dărilor cu aplicații în ingineria vântului	Flow Control and Wakes Interference with Applications in Wind Engineering	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
50	PN-II-ID-PCE-2011-3-0608	Chiroiu	Veturia	Institute of Solid Mechanics, Romanian Academy	Teoria invizibilității acustice	The theory of acoustic cloaking	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
51	PN-II-ID-PCE-2011-3-0249	Bob	Mircea Dan	Universitatea "Babes-Bolyai" din Cluj-Napoca, Facultatea de Drept	RELEVANȚA EVOLUȚIEI CONCEPTULUI DE FAMILIE ASUPRA ORDINII SUCCESORALE ÎN MOȘTENIREA LEGALĂ – INVESTIGAȚIE SOCIO-JURIDICĂ, RELIGIOASĂ ȘI FILOSOFICĂ	Evolution of family as concept and its relevance for the inheritance order - a socio-juridical, religious and philosophical investigation	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
52	PN-II-ID-PCE-2011-3-0034	Sandu	Ion	National Institute for Lasers, Plasma, and Radiation Physic	Filme compozite polimer/nanoparticule pentru detectia gazelor toxice	Polymer/nanoparticle composite films for toxic gas detection	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
53	PN-II-ID-PCE-2011-3-1018	Nemes	Ovidiu	Technical University of Cluj-Napoca	Analiza neliniară complexă și optimizarea asamblărilor lipite	Complex non-linear analysis and optimization of adhesive bonded joints assemblies	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
54	PN-II-ID-PCE-2011-3-0315	Neagoe	Ciprian	Institute of Cellular Biology and Pathology "N. Simionescu"	Reglarea de la nivel molecular a permeabilității jonctionale în endotelii	Molecular control of junctional permeability in endothelia	LS3	Cellular and Developmental Biology: cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals

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55	PN-II-ID-PCE-2011-3-0498	Magdalena Lidia	Ciurea	National Institute of Materials Physics	Studiul sistemelor formate din nanocristale de Si1-xGex imersate in dioxid de siliciu.	Study of Si1-xGex nanocrystals embedded in silica.	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
56	PN-II-ID-PCE-2011-3-0013	Damaceanu	Romulus-Catalin	Universitatea Petre Andrei		Agent-based Computational Social Sciences using NetLogo	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
57	PN-II-ID-PCE-2011-3-0051	Negulescu	Elena	INSTITUTUL NATIONAL DE CERCETARE-DEZVOLTARE PENTRU GEOLOGIE SI GEOECOLOGIE MARINA - GEOECOMAR RA	Termocronologia Sm-Nd a monocristalelor de granat în descifrarea istoriei metamorfice și de exhumare a complexelor de soclu: cazul masivului Leaota	Sm-Nd thermochronology of garnet single crystals, a clue to the metamorphic and exhumation history of basement complexes: the Leaota Massif case study	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
58	PN-II-ID-PCE-2011-3-0466	Fodorean	Florin	Babes-Bolyai University Cluj-Napoca	GIS INTEGRAT SI BAZE DE DATE CARTOGRAFICE DIGITALE PENTRU RECONSTITUIREA PEISAJULUI DACIEI ROMANE. VALORIFICAREA PATRIMONIULUI ARHEOLOGIC	INTEGRATED GIS AND DIGITAL CARTOGRAPHIC DATABASES FOR THE RECONSTRUCTION OF ROMAN DACIA'S LANDSCAPE. THE CAPITALIZATION OF ARCHAEOLOGICAL PATRIMONY	SH3	Environment and society: environmental studies, demography, social geography, urban and regional studies
59	PN-II-ID-PCE-2011-3-0138	Filip	Claudiu	National Institute for Research and Development of Isotopic and Molecular Technologies		Solid-state NMR methodological improvements and applications benefiting from ultra-fast MAS and new symbolic computational tools	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
60	PN-II-ID-PCE-2011-3-0032	Bogdan	Mircea	National Institute for Research and Development of Isotopic and Molecular Technologies	Interactiuni intermoleculare de tip bioligand - macromolecula, investigate prin tehnici spectroscopice si microcalorimetrie	Bioligand - macromolecule intermolecular interactions as probed by spectroscopic and microcalorimetric techniques	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics

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61	PN-II-ID-PCE-2011-3-0320	Marin	Daniela	National Institut for Research and Development for Biology and Animal Nutrition, Balotesti		Assessment of the role of ochratoxine A in triggering of the endemic nephropathy through the evaluation of the effects at local and systemic levels	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
62	PN-II-ID-PCE-2011-3-0028	Cormos	Calin-Cristian	Universitatea Babes-Bolyai	Metode inovative de captare a dioxidului de carbon prin chemical looping aplicate sistemelor de poli-generare vectori energetici decarbonizati	Innovative methods for chemical looping carbon dioxide capture applied to energy conversion processes for decarbonised energy vectors poly-generation	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
63	PN-II-ID-PCE-2011-3-0188	Bolovan	Ioan	Babes-Bolyai University	Casatoriile mixte: intre exercitiu de toleranta si expresia moderna a indiferentei	Interethnic marriages: between an exercise of tolerance and a modern expression of indifference. 1895-2010	SH6	The study of the human past: archaeology, history and memory
64	PN-II-ID-PCE-2011-3-0815	Stamatin	Ioan	University of Bucharest		Design of new advanced materials for Ionic Electrolyte Membrane Fuel Cells based on graphenes and superionic conductors	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
65	PN-II-ID-PCE-2011-3-1007	Barna	Valentin	University of Bucharest		New Metamaterial Classes for Applications in Optics and Photonics	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
66	PN-II-ID-PCE-2011-3-0494	Hritcu	Lucian	Universitatea "Alexandru Ioan Cuza" din Iasi	DERIVAȚI METABOLICI AI NICOTINEI DIN ARTHROBACTER NICOTINOVORANS – ALTERNATIVE POSIBILE ÎN TERAPIA MALADIEI ALZHEIMER	NICOTINE DERIVATIVES FROM ARTHROBACTER NICOTINOVORANS – POTENTIAL THERAPEUTIC STRATEGIES FOR ALZHEIMER'S DISEASE	LS5	Neurosciences and neural disorders: neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological disorders, psychiatry

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67	PN-II-ID-PCE-2011-3-0311	DUMITRU	POPA	UNIVERSITATEA OVIDIUS CONSTANTA	CLASE DE OPERATORI MULTILINIARI MARGINITI	CLASSES OF BOUNDED MULTILINEAR OPERATORS	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
68	PN-II-ID-PCE-2011-3-0382	Elisa	Mihail	National Institute of Research and Development for Optoelectronics INOE 2000	Efectul de confinare cuantica CdS)/CdSe in matrici aluminosilicatic cu fosfor aplicat la noi materiale pentru senzori de temperatura	Quantum confinement effect of CdS/CdSe quantum dots in phosphor aluminosilicate matrix as a promising new temperature sensing material	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
69	PN-II-ID-PCE-2011-3-0823	Moldovan	Zaharie	National Institute for Research and Development of Isotopic and Molecular Technologies	Determinarea poluantilor specifici unui bazin hidrografic din Romania prin investigarea de marcheri moleculari. Studiul de caz: Bazinul Mures(RIBAMU)	Determination of river basin specific pollutants in Romania by investigation of molecular markers. Case study: Mures Basin (Acronym: RIBAMU)	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
70	PN-II-ID-PCE-2011-3-0136	MITRAN	GHEORGHITA	University of Bucharest, Faculty of Chemistry		SUPPORTED MIXED OXIDES, NEW ACID CATALYSTS FOR ESTERIFICATION AND TRANSESTERIFICATION REACTIONS	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
71	PN-II-ID-PCE-2011-3-0353	Tosa	Valer	INSTITUTUL NATIONAL DE CERCETARE-DEZVOLTARE TEHNOLOGII IZOTOPICE SI MOLECULARE	Generare de armonice superioare in gaze cu pulsuri multi-frecventa	High order harmonic generation in gas media by multicolor light waveforms	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
72	PN-II-ID-PCE-2011-3-0388	Antoniou	Sabina	UNIVERSITATEA DE MEDICINA SI FARMACIE GRIGORE T POPA IASI	Expresia si impactul prognostic al sindromului inflamator sistemic in subseturi putin studiate de bronhopneumopatie obstructiva cronica	Expression and prognostic impact of systemic inflammation syndrome in less well characterised subsets of chronic obstructive pulmonary disease	LS4	Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome

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73	PN-II-ID-PCE-2011-3-0814	Iulian	RIPOSAN	UNIVERSITATEA POLITEHNICA BUCURESTI		Graphite nucleation control in high performance cast irons, particularly in thin wall castings production, typically for automotive industry	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
74	PN-II-ID-PCE-2011-3-0857	Bounegru	Octavian Nicolae	Universitatea "Alexandru Ioan Cuza" din Iasi	Arheologia Deltei Dunării în Antichitate și Evul Mediu: modelizarea evoluțiilor ambientale și istorice	The Archaeology of the Ancient and Medieval Danube Delta: Modeling Environmental and Historical Change	SH6	The study of the human past: archaeology, history and memory
75	PN-II-ID-PCE-2011-3-0278	Cosma	Călin Gabriel	Romanian Academy – Cluj-Napoca Institute of Archaeology and History of Arts	Războinici și suite militare în Transilvania secolelor VII-IX	Warriors and military retainers in Transylvania of the 7th-9th centuries	SH6	The study of the human past: archaeology, history and memory
76	PN-II-ID-PCE-2011-3-0641	Voda	Alina	University "Dunarea de Jos" of Galati	CONDUCEREA AVANSATA A SISTEMELOR DE FABRICATIE REVERSIBILE, DE ASAMBLARE SI DEZASAMBLARE, UTILIZAND ROBOTI MOBILI ECHIPATI CU MANIPULATOARE ROBOTICE	ADVANCED CONTROL OF REVERSIBLE MANUFACTURING SYSTEMS OF ASSEMBLING AND DISASSEMBLING USING WHEELED MOBILE ROBOTS EQUIPPED WITH ROBOTIC MANIPULATORS	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
77	PN-II-ID-PCE-2011-3-0480	NEAGU	NOREL	Institutul de Cercetari Juridice	INFLUENTA JURISPRUDENTEI CURTII DE JUSTITIE A UNIUNII EUROPENE ASUPRA DREPTULUI PENAL NATIONAL	THE INFLUENCE OF THE COURT OF JUSTICE OF THE EUROPEAN UNION OVER NATIONAL CRIMINAL LAW	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
78	PN-II-ID-PCE-2011-3-0271	Lupu	Stelian	Universitatea Politehnica din Bucuresti	Microbiosenzori electrochimici pe baza de electrozi si retele de electrozi modificati cu materiale compozite	Electrochemical micro-biosensors based on electrodes and their arrays modified with composite materials	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
79	PN-II-ID-PCE-2011-3-0263	BUJOREANU	Leandru-Gheorghe	The GHEORGHE ASACHI Technical University from Iasi	Interactiunea dintre migratia atomica si reversia in faza initiala a martensitei induse prin tensiune in aliajele cu memoria formei pe baza de Fe	The interaction between atomic migration and the reversion to parent phase of stress induced martensite in Fe-base shape memory alloys	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry

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80	PN-II-ID-PCE-2011-3-0371	Fratila	Domnita-Florina	Technical University of Cluj-Napoca	TRANZITIA LA PRODUCTIA DURABILA - DEZVOLTAREA UNUI MODEL DE EVALUARE A IMPACTULUI ECOLOGIC AL PROCESELOR DE PRELUCRARE MECANICA	TRANSITION TO SUSTAINABLE PRODUCTION- DEVELOPMENT OF A MODEL FOR ECOLOGICAL IMPACT ASSESSMENT OF THE MANUFACTURING PROCESSES	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
81	PN-II-ID-PCE-2011-3-0499	DRAGUT	Lucian	Universitatea de Vest din Timisoara	Elemente fundamentale ale suprafetelor modelelor digitale de elevatie	Fundamental surface elements on digital elevation models	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
82	PN-II-ID-PCE-2011-3-0666	Lemle	Ludovic Dan	Universitatea Politehnica din Timisoara		Uniqueness of Schrodinger's operators	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
83	PN-II-ID-PCE-2011-3-0081	Mitu	Sorin	Universitatea Babes-Bolyai Cluj-Napoca	Construirea identităților moderne în Transilvania. O abordare comparativă	Building Modern Identities in Transylvania. A Comparative Approach	SH6	The study of the human past: archaeology, history and memory
84	PN-II-ID-PCE-2011-3-0133	Badescu	Octavian Mihai	Technical University of Civil Engineering Bucharest	Modelarea de inalta rezolutie a geoidului prin metode astronomic-geodezice si satelitare.	High resolution geoid modeling by astro-geodetic and satellite methods.	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
85	PN-II-ID-PCE-2011-3-0117	Patrut	Bogdan	Universitatea "Vasile Alecsandri" din Bacau	PersuaDict - Dictionar-retea de persuasiune politica in romana si engleza	PersuaDict - Network-dictionary of Political Persuasion in Romanian and English	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
86	PN-II-ID-PCE-2011-3-0700	Balan	Radu	Technical University of Cluj-Napoca		„Advanced Control applied for Energy and Indoor Environmental Quality Management in Buildings”	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering

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87	PN-II-ID-PCE-2011-3-0657	Diaconu	Bogdan Marian	Universitatea "Constantin Brancusi" din Tg-Jiu		Development of a new type of composite phase change material panel for lightweight construction	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
88	PN-II-ID-PCE-2011-3-0729	Surugiu	Victor	Universitatea Alexandru Ioan Cuza din Iasi	Distributia, starea ecologica, organismele asociate si productia fanerogamelor marine de la litoralul romanesc al Marii Negre	Distribution, ecological status, associated organisms and productivity of marine angiosperms from the Romanian Black Sea coast	LS8	Evolutionary, population and environmental biology: evolution, ecology, animal behaviour, population biology, biodiversity, biogeography, marine biology, eco-toxicology, prokaryotic biology
89	PN-II-ID-PCE-2011-3-0379	Dumitras	Dan Constantin	National Institute for Laser, Plasma and Radiation Physics	Diferentierea leziunilor benigne si maligne la san prin tomografie optica de difuzie (DML-DOT)	Differentiation of Benign and Malign Breast Lesions by Diffuse Optical Tomography (DML-DOT)	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
90	PN-II-ID-PCE-2011-3-0907	Gaina	Constantin	Petru Poni Institute of Macromolecular Chemistry	Materiale polimerice maleimidice nanostructurate termoclivabile/termodetasabile sau cu capacitate de auto-reparare termica repetata	Nanostructured maleimide-based polymeric materials exhibiting thermal cleavability/removability or having remendable and self-healing properties	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
91	PN-II-ID-PCE-2011-3-0611	Stancalie	Viorica	National Institute for Laser, Plasma, and Radiation Physics		Complex atom physics and radiative properties of the hot dense plasma generated by isochoric heating of solid density matter	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
92	PN-II-ID-PCE-2011-3-0673	Gaina	Viorica	Petru Poni Institute of Macromolecular Chemistry		Structure-property correlations in hybrid materials based on thermosetting materials	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
93	PN-II-ID-PCE-2011-3-0779	Sava	Ion	"Petru Poni" Institute of Macromolecular Chemistry		"POROUS MATERIALS BASED ON POLYIMIDES FOR MICRO/NANOELECTRONICS AND BIOMEDICAL ADVANCED APPLICATIONS"	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry

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94	PN-II-ID-PCE-2011-3-0166	Cristiana	Radulescu	VALAHIA UNIVERSITY OF TARGOVISTE		Organic Dyes to Increase the Highlife and Efficiency of Photovoltaics Cells	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
95	PN-II-ID-PCE-2011-3-0512	Mihai Valentin	Predoi	UNIVERSITATEA POLITEHNICA BUCURESTI	Sistem ultrasonor avansat pentru monitorizarea integritatii structurale a conductelor	Advanced ultrasonic monitoring system for the structural integrity of pipes	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
96	PN-II-ID-PCE-2011-3-0922	Staicu	Angela	National Institute for Laser, Plasma, and Radiation Physics		Light triggering of drug carrier systems for targeted delivery and controlled release	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
97	PN-II-ID-PCE-2011-3-0558	Hamciuc	Corneliu	"Petru Poni" Institute of Macromolecular Chemistry	Proiectarea, sinteza si caracterizarea unor materiale polimerice multifunctionale, nanostructurate, pentru aplicatii avansate	Design, synthesis and characterization of multifunctional nanostructured polymeric materials for advanced applications	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
98	PN-II-ID-PCE-2011-3-0341	Mitu	Maria	Ilie Murgulescu Institute of Physical Chemistry	Initierea si propagarea exploziilor in amestecuri biogaz-aer	Initiation and propagation of explosions in biogas-air mixtures	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
99	PN-II-ID-PCE-2011-3-0099	MUNTEAN	CRISTINA	NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT FOR ISOTOPIC AND MOLECULAR TECHNOLOGIES	MODIFICARI STRUCTURALE SI DINAMICA DE ORDINUL (SUB)PICOSECUNDELOR IN MOLECULE DE ADN, INVESTIGATE PRIN SPECTROSCOPIE VIBRATIONALA	STRUCTURAL CHANGES AND (SUB)PICOSECOND DYNAMICS IN DNA MOLECULES, INVESTIGATED BY VIBRATIONAL SPECTROSCOPY	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
100	PN-II-ID-PCE-2011-3-0956	Zalaru	Christina Marie	University of Bucharest	Baze Mannich tripodale biologic active	Biologically Active Tripodal Mannich Bases	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry

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101	PN-II-ID-PCE-2011-3-0229	Lazanu	Sorina	National Institute of Materials Physics		Energy transfer in the interaction of ions and molecular clusters with solids	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
102	PN-II-ID-PCE-2011-3-0319	Barzoi	Sorin Constantin	Universitatea din Bucuresti		Late cretaceous explosive volcanism from the South Carpathians - significance on the dinosaurs' extinction in the Hateg-Poiana Rusca area.	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
103	PN-II-ID-PCE-2011-3-0232	Ovidiu	Crisan	National Institute for Materials Physics	Nanoparticule core-shell auto-organizate, cu arhitecturi avansate, pentru arii bidimensionale de nanosenzori magnetici	Advanced architected self-assembled core-shell nanoparticles as 2D arrays of magnetic nanosensors	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
104	PN-II-ID-PCE-2011-3-0811	BUICA	Gabriela	Institute for Space Sciences		Coherent control in atoms with a train of ultrashort laser pulses	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
105	PN-II-ID-PCE-2011-3-0669	Comsa	Mircea-Ioan	Universitatea „Babeş-Bolyai”		Change and Stability in Romanian Electoral Behaviour: 2009-2014	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
106	PN-II-ID-PCE-2011-3-0419	Culea	Eugen	Technical University of Cluj-Napoca	Efecte structurale si comportamentale ale co-doparii cu specii mixte de pamanturi rare si nanoparticule metalice a sticlelor telurate	Structural and behavioral effects of mixed rare earth species and metal nanoparticles co-doping of tellurate glasses	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
107	PN-II-ID-PCE-2011-3-0116	ONISCU	CORNELIU	Metropolitan Center of Research T.A.B.O.R, The Metropolitanate of Moldavia and Bukovina, Iasi (CMCTABOR)	CERCETARI PRIVIND MECANISMELE DE BIO-COROZIUNE MOLECULARA IN PROCESELE DISTRUCTIVE ASUPRA MATER. ORG. SI ANORG. DIN COMPOZITIA BUNURILOR DIN PATRIMO	Research on molecular mechanisms of bio-corrosion of materials in destructive processes of organic and inorganic composition of cultural patrimony	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation

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108	PN-II-ID-PCE-2011-3-0288	Aprodu	Marian	Institute of Mathematics "Simion Stoilow" of the Romanian Academy	Tehnici de Fibrat Vectoriale in Geometria Varietatilor Complexe	Vector Bundle Techniques in the Geometry of Complex Varieties	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
109	PN-II-ID-PCE-2011-3-0231	Marcus	Andrei	Babes-Bolyai University	Metode categoriale, combinatoriale si computationale in teoria reprezentarilor	Categorical, combinatorial and computational methods in representation theory	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
110	PN-II-ID-PCE-2011-3-0221	Lazanu	Ionel	University of Bucharest		New studies for massive dark matter particles and other rare processes	PE9	Universe sciences: astro-physics/chemistry/biology; solar system; stellar, galactic and extragalactic astronomy, planetary systems, cosmology; space science, instrumentation
111	PN-II-ID-PCE-2011-3-0113	Nica	Petru-Edward	The Gheorghe Asachi Technical University of Iasi	Caracterizarea emisiei de particule si radiatie de la plasma produsa cu doua pulsuri laser	Characterization of particles and radiation emission from double-pulse laser produced plasma	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
112	PN-II-ID-PCE-2011-3-0604	Setnescu	Radu	VALAHIA UNIVERSITY OF TARGOVISTE		Concept of environment friendly materials. Balancing the technical performance and the environmental compatibility	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
113	PN-II-ID-PCE-2011-3-0435	Halmagyi	Adela	National Institute of Research and Development for Biological Sciences, branch Institute of Biological Research, Cluj-Napoca		Assessment of genetic stability in cryopreserved Romanian elite tomato (<i>Lycopersicon esculentum</i> Mill.) cultivars.	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation

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114	PN-II-ID-PCE-2011-3-0714	Carmen Maria	Moraru	National Institute of Research-Development for Cryogenic and Isotope Separation Technologies- ICSI Rm.Valcea	Interfata operator TestStand pentru sisteme de simulare a proceselor criogenice	TestStand Operator Interface for simulation systems of the cryogenic processes	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
115	PN-II-ID-PCE-2011-3-0351	Luca	Aurelian	Institutul National de Cercetare Dezvoltare pentru Fizica si Inginerie Nucleara Horia Hulubei	Noi contributii teoretice, statistice si experimentale la caracterizarea proprietatilor nucleelor radioactive	New theoretical, statistical and experimental contributions in characterizing the properties of the radioactive nuclei	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
116	PN-II-ID-PCE-2011-3-0808	Pascuta	Petru	Tehnickal University of Cluj Napoca		NEW MAGNETIC GLASS CERAMICS MATERIALS WITH POTENTIAL APPLICATIONS IN TREATMENT OF CANCER	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
117	PN-II-ID-PCE-2011-3-0490	Matei	Florentina	University of Agronomical Sciences and Veterinary Medecine Bucharest	Fundamentarea unui sistem de biocontrol al fungilor ochratoxinogeni bazat pe studiul molecular al diversitatii fungilor in podgorii romanesti	Fundamentals of a biocontrol system against ochratoxinogenic fungi based on molecular study of fungal diversity in Romanian vineyards (OTAVINE)	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
118	PN-II-ID-PCE-2011-3-0406	Popescu	Mihai	National Institute of Material Physics	Noi materiale amorfice cu faze intermediare pentru electronica	New amorphous materials with intermediate phases for electronics	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
119	PN-II-ID-PCE-2011-3-0433	Mateescu	Constantin	Universitatea de Stiinte Agricole si Medicina Veterinara a Banatului Timisoara		Determining the role of transition metal coordination and of the exogenous ligands on the interactions with DNA of some flavonoids	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry

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120	PN-II-ID-PCE-2011-3-0448	Stănciuc	Nicoleta	Dunarea de Jos University	Dezvoltarea unor tehnologii de eficientizare a potentialului functional al proteinelor din zer	Emerging Whey Protein Opportunities: maximizing functional features to improve nutritional and technological properties	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
121	PN-II-ID-PCE-2011-3-0295	Gligor	Delia Maria	Babes-Bolyai University of Cluj-Napoca	Materiale compozite electroactive pe baza de silicati si aluminosilicati, pentru detectia unor compusi de interes biologic si in protectia mediului	Electroactive composite materials based on silicates and aluminosilicates, for detection of some compounds of biological and environmental interest	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
122	PN-II-ID-PCE-2011-3-0378	Tantau	Ioan	Babes-Bolyai University	Reconstituirea evoluției vegetației și climatului din Carpații Orientali, în timpul Pleistocenului superior și Holocenului	Reconstruction of vegetation and climate evolution in the Eastern Romanian Carpathians during the Late Pleistocene and the Holocene	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
123	PN-II-ID-PCE-2011-3-0609	Ene	Antoaneta	DUNAREA DE JOS UNIVERSITY OF GALATI		Advanced nuclear and atomic microanalytical techniques for the characterisation of steels quality	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
124	PN-II-ID-PCE-2011-3-0554	Misicu	Serban	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU FIZICA SI INGINERIE NUCLEARA HORIA HULUBEI (HORIA HULUBEI NATIONAL INSTITUTE FOR NUCLEAR PHYSICS AND ENGINEERING)	Potentiale de Model Optic pentru Nuclee Exotice in Reactii Nucleare Astrofizice	Heavy Ion Optical Potentials for Exotic Nuclei in Astrophysical Nuclear Reactions	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics

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125	PN-II-ID-PCE-2011-3-0710	BENEA	Lidia	Dunarea de Jos University of Galati	Nano - structurarea / modificarea suprafetelor si caracterizarea lor pentru uz biomedical si industrial	Nano - structuring / modification of surfaces and their characterization for biomedical and industrial applications	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
126	PN-II-ID-PCE-2011-3-0049	Poenariu-Gherghescu	Radu Alexandru	Horia Hulubei National Institute for Physics and Nuclear Engineering	Sisteme nucleare binare	Binary nuclear systems	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
127	PN-II-ID-PCE-2011-3-0106	Balinisteanu	Mihai Tudor	University of Suceava		Violence, Narrative and Myth in Joyce and Yeats: Subjective Identity and Anarcho-Syndicalist Traditions	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
128	PN-II-ID-PCE-2011-3-0493	Birsa	Mihail Lucian	Universitatea "Alexandru Ioan Cuza" din Iasi	INTERACTIUNI INTRAMOLECULARE IN [2.2]PARACICLOFANI SUBSTITUITI	INTRAMOLECULAR INTERACTIONS IN SUBSTITUTED [2.2]PARACYCLOPHANES	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
129	PN-II-ID-PCE-2011-3-0017	Nicolae	Corcionivoschi	Banat's University of Agricultural Sciences and Veterinary Medicine Timisoara	PREVENIREA COLONIZARII CU CAMPYLOBACTER JEJUNI A PASARILOR DE FERMA CU AJUTORUL PROBIOTICELOR	THE EFFECT OF PROBIOTICS ON THE COLONISATION OF POULTRY WITH CAMPYLOBACTER JEJUNI	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
130	PN-II-ID-PCE-2011-3-0855	Barsan	Cristina	Centrul de Biotehnologii Microbiene-BIOTEHGEN	Reglajul epigenetic al factorilor de raspuns la auxina (ARF) si impactul asupra maturarii fructelor	Epigenetic regulation of Auxin Response Factors (ARF) and its impact on fruit development	LS2	Genetics, Genomics, Bioinformatics and Systems Biology: genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics, metabolomics, bioinformatics, computational biology, biostatistics, biological modelling and simulation, system
131	PN-II-ID-PCE-2011-3-0562	Radvan	Laurentiu	Universitatea "Alexandru Ioan Cuza" din Iasi	Orașe vechi, orașe noi în Țările Române (secolele 16-18)	Old towns, new towns in the Romanian Principalities (16th-18th centuries)	SH6	The study of the human past: archaeology, history and memory

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132	PN-II-ID-PCE-2011-3-0327	Nemeti	Sorin	Babes - Bolyai University	Arheologia mediului ambiant. Paleopeisaj si evolutie climatica la Dunarea de Jos (secolele I-XIII p. Chr.)	Environmental Archaeology. Ancient Landscape and Climate Changes on the Lower Danube (I-XIII centuries A. D.)	SH6	The study of the human past: archaeology, history and memory
133	PN-II-ID-PCE-2011-3-0648	Radu	Adrian-George	Universitatea "Politehnica" Timisoara		Buckling and postbuckling of anisotropic plates and shells with and without delamination.	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
134	PN-II-ID-PCE-2011-3-0363	PAVEL	Nicolaie	National Institute for Laser, Plasma and Radiation Physics	Laseri de Tip Ghid de Unda obtinuti prin Tehnica Scrierii Directe cu Pulsuri Laser cu durata de ordinul Femtosecondelor	Waveguide Laser Devices Realized by Direct Femtosecond Laser Writing Technique	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
135	PN-II-ID-PCE-2011-3-0343	Benedek	Jozsef	Babeş-Bolyai University Cluj-Napoca		Endogenous development of the peripheral areas. Integrating local renewable energy resources in the development of the North-West Development Region	SH3	Environment and society: environmental studies, demography, social geography, urban and regional studies
136	PN-II-ID-PCE-2011-3-0882	BEJENARU	Luminita	Universitatea "Alexandru Ioan Cuza" din Iasi	Paleodieta populatiilor neolitice: indicatori bioarheologici pentru complexe culturale Precucuteni-Cucuteni si Boian-Gumelnita	Palaeodiet of Neolithic Populations: Bioarchaeological Indicators for Precucuteni-Cucuteni and Boian-Gumelnita Cultural Complexes	SH6	The study of the human past: archaeology, history and memory
137	PN-II-ID-PCE-2011-3-0306	Buiu	Catalin	Universitatea Politehnica din Bucuresti	Noi tehnici de proiectare a interfetelor om-echipa de roboti, de control al ierarhiei echipei si pentru asigurarea securitatii echipei de roboti	Innovative techniques for human-robotic swarm interface design, for control of swarm hierarchy and for swarm security	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
138	PN-II-ID-PCE-2011-3-0841	Andras	Carmen Maria	Filiala Cluj-Napoca a Academiei Române, Institutul de Cercetări Socio-Umane "Gheorghe Șincai" Târgu-Mureș	Dincolo de frontiere: Aspecte ale istoriei culturale si intelectuale a Transilvaniei (1848-1948)	Crossing Borders: Insights into the Cultural and Intellectual History of Transylvania (1848-1948)	SH6	The study of the human past: archaeology, history and memory
139	PN-II-ID-PCE-2011-3-0331	Gyorgy	Eniko	Institutul National de Cercetare Dezvoltare pentru Fizica Laserilor, Plasmei si Radiatiei	Procesarea laser a sistemelor hibride inorganic/bio-organic si organic/bio-organic biocompatibile pentru administrare controlata de medicamente	Laser processing of hybrid inorganic /bio-organic and organic/ bio-organic systems, ensuring enhanced biocompatibility and controlled drug release	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry

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140	PN-II-ID-PCE-2011-3-0649	Benea	Diana	Babes-Bolyai University Cluj-Napoca	Proprietati magnetice si electronice a unor noi compusi Heusler cu aplicatii in magnetoelectronica	Magnetic and electronic properties of some new Heusler materials with application in spintronics	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
141	PN-II-ID-PCE-2011-3-0434	Borcoci	Eugen	Universitatea Politehnica din București	Mobilitate folosind Multipath TCP	ENABLING MOBILITY USING MULTIPATH TCP	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
142	PN-II-ID-PCE-2011-3-0741	Dumitrescu	Horia	Institute of Mathematical Statistics and Applied Mathematics Ghoerghe Mihoc - Caius Iacob	Metode active si pasive de crestere a portantei aplicate la turbinele eoliene	Active and passive lift force augmentation concepts on wind turbine performance	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
143	PN-II-ID-PCE-2011-3-0241	Kristaly	Alexandru	Universitatea Babes-Bolyai	Simetrii in probleme eliptice: tehnici euclidiene si ne-euclidiene	Symmetries in elliptic problems: euclidean versus non-euclidean techniques	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
144	PN-II-ID-PCE-2011-3-0067	Zamfir	Medana	Institute of Biology Bucharest of Romanian Academy	Studii biochimice si moleculare ale unor compusi cu aplicatii bionanotehnologice sintetizati de bacterii lactice	Biochemical and molecular studies of some bionanotechnologically important compounds synthesized by lactic acid bacteria	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
145	PN-II-ID-PCE-2011-3-0182	Dumitrascu	Florea	Center for Organic Chemistry "C.D. Nenitzescu"		One-pot three component and one-pot reactions as a source of bioactive and optical active N-heteroaromatic compounds	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
146	PN-II-ID-PCE-2011-3-0109	Precup	Radu-Emil	Universitatea Politehnica din Timisoara	Noi tehnici de imbunatatire a performantelor sistemelor de reglare automata utilizand acordarea parametrilor bazata pe experimente	New performance improvement techniques of control systems using experiment-based tuning	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering

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147	PN-II-ID-PCE-2011-3-0513	Muller	Alexandru	National Research and Development Institute for Microtechnologies IMT-Bucharest		Novel technologies based on micromachining and nano-processing of GaN/Si, for advanced microwave and photonic devices	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
148	PN-II-ID-PCE-2011-3-0071	Mircea	Dragoman	NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT IN MICROTECHNOLOGIES IMT-Bucharest	Dispozitive nanoelectronice bazate pe grafena pentru aplicatii in domeniul frecventelor inalte.	Graphene nanoelectronic devices for high frequency applications	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
149	PN-II-ID-PCE-2011-3-0274	GRIGORAS	MIRCEA	P. Poni Institute of Macromolecular Chemistry	Noi structuri de polimeri conjugati pentru celule solare organice cu eficienta inalta	NOVEL CONJUGATED POLYMER STRUCTURES FOR HIGH EFFICIENCY ALL-ORGANIC SOLAR CELLS	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
150	PN-II-ID-PCE-2011-3-0556	Joita	Maria	University of Bucharest	Cross produse de *-algebre topologice, algebre von Neumann si C*-module Hilbert	Crossed products of topological *-algebras, von Neumann algebras and Hilbert C*-modules	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
151	PN-II-ID-PCE-2011-3-1079	Szenkovits	Ferenc	Universitatea Babes-Bolyai	Probleme actuale ale dinamicii sistemelor planetare	Actual problems of the dynamics of planetary systems	PE9	Universe sciences: astro-physics/chemistry/biology; solar system; stellar, galactic and extragalactic astronomy, planetary systems, cosmology; space science, instrumentation
152	PN-II-ID-PCE-2011-3-0050	Poenaru	Dorin N.	Institutul National de Cercetare-Dezvoltare pentru Fizica si Inginerie Nucleara Horia Hulubei (IFIN-HH)	Moduri de dezintegrare ale nucleelor supragrele	Decay modes of superheavy nuclei	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
153	PN-II-ID-PCE-2011-3-0577	Popescu	Paul	University of Craiova	Investigarea unor procese cu schimbare brusca	Investigation of certain jerk processes	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
154	PN-II-ID-PCE-2011-3-0904	Popescu	Dumitru	Institute of Statistical Mathematics and Applied mathematics	Lipozom pulsatoriu inteligent	The intelligent pulsatory liposome	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction

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155	PN-II-ID-PCE-2011-3-0091	Moldoveanu	Valeriu	National Institute of Materials Science		Exciton dynamics and time-dependent transport in optically active quantum dots	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
156	PN-II-ID-PCE-2011-3-0095	Teodor	Eugenia Dumitra	National Institute of Research and Development for Biological Sciences	DEZVOLTAREA UNOR METODE ANALITICE PENTRU DETERMINAREA REZIDUURILOR ORGANICE DIN CERAMICA ARHEOLOGICA PE BAZA UNOR PROCEDEE DE SIMULARE	Development of analytical methods for determination of organic residues from archaeological pottery based on simulation procedures	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
157	PN-II-ID-PCE-2011-3-0716	BRINDUSA	TIPERCIUC	University of Medicine and Pharmacy "Iuliu Hatieganu" Cluj-Napoca	SINTEZA SI SCREENINGUL ACTIVITATII ANTIPROLIFERATIVE SI ANTIMICROBIENE A UNOR NOI COMPUSI TIAZOLICI, BISTIAZOLICI SI TIAZOLIDIN-4-ONICI	SYNTHESIS AND SCREENING OF THE ANTIPROLIFERATIVE AND ANTIMICROBIAL ACTIVITY OF SOME NEW THIAZOLES, BITHIAZOLES AND THIAZOLIDIN-4-ONE COMPOUNDS	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
158	PN-II-ID-PCE-2011-3-0038	Mangalagiu	Ionel	Alexandru Ioan Cuza University of Iasi	Noi derivati polifunctionali cu azot (heterocicli, podanzi si macrocicli) ca si elemente cheie inteligente pentru utilizari multiple	New polifunctional nitrogen derivatives (heterocycles, podants and macrocycles) as smart versatile building blocks for multiple tasks	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
159	PN-II-ID-PCE-2011-3-0040	Pál	Judit	Babes-Bolyai University	Elita politica din Transilvania (1867-1918)	The Political Elite from Transylvania (1867-1918)	SH6	The study of the human past: archaeology, history and memory
160	PN-II-ID-PCE-2011-3-0470	Filip	Valeriu	Universitatea din Bucuresti	Studiul emisiei electronice in camp din materiale nanostructurate, cu aplicatii la sursele de electroni	Study of electron field emission from nanostructured materials with applications to electron sources	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
161	PN-II-ID-PCE-2011-3-0175	Armas	Iuliana	University of Bucharest, Faculty of Geography		Spatial and temporal patterns of urban vulnerability in Bucharest	SH3	Environment and society: environmental studies, demography, social geography, urban and regional studies
162	PN-II-ID-PCE-2011-3-0033	Culetu	Hristu	Ovidius University of Constanta		Anisotropic Fluid Models with Applications in Black Hole Physics, Relativistic Stars and QGP Expansion	PE9	Universe sciences: astro-physics/chemistry/biology; solar system; stellar, galactic and extragalactic astronomy, planetary systems, cosmology; space science, instrumentation

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163	PN-II-ID-PCE-2011-3-0888	Cristescu	Rodica	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU FIZICA LASERILOR PLASMEI SI RADIATIEI	COMPOZITE NANOSTRUCTURATE SI FUNCTIONALIZATE DE FLAVONOID-BIOPOLIMER PROCESATE PENTRU ACTIVITATE ANTIBACTERIANA	FUNCTIONALIZED FLAVONOID-BIOPOLYMER NANOSTRUCTURED COMPOSITES PROCESSED FOR ANTIBACTERIAL ACTIVITY	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
164	PN-II-ID-PCE-2011-3-0568	Lazar	Gabriel	Universitatea "Vasile Alecsandri" din Bacau		TiO2 based systems for depollution using photocatalysis	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
165	PN-II-ID-PCE-2011-3-0086	Gologan (auth. Runcan)	Daniela (auth. Miruna)	Babeş-Bolyai University	Publicurile generației digitale. Reconfigurarea creației prin analiza condiției de spectator	Born Digital Audiences. Reconfiguring Creation through Spectatorship Analysis	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
166	PN-II-ID-PCE-2011-3-0812	Constantinescu	Albumita Muguras	Stefan cel Mare University of Suceava	Traducere culturala si literatura / literaturi francofone: istorie, receptare, critica a traducerilor	TRADUCTION CULTURELLE ET LITTERATURE(S) FRANCOPHONE(S): HISTOIRE, RECEPTION, CRITIQUE DES TRADUCTIONS	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
167	PN-II-ID-PCE-2011-3-0644	Burlacu	Radu	University of Agricultural Sciences and Veterinary Medicine, Bucharest		Development of mathematical models to describe the dynamic of economical and ecological farms behaviour based on biological processes	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
168	PN-II-ID-PCE-2011-3-0264	Caprini	Irinel	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU FIZICA SI INGINERIE NUCLEARA HORIA HULUBEI IFIN HH DIN BUCURESTI		Analyticity as a tool for precision predictions in particle physics	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics

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169	PN-II-ID-PCE-2011-3-0266	BUZEA	Calin - Gheorghe	National Institute of Research and Development for Technical Physics		New continuous and discrete models of avascular and vascular stages of growth of solid tumours in the framework of space-time non-differentiability.	LS2	Genetics, Genomics, Bioinformatics and Systems Biology: genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics,metabolomics, bioinformatics, computational biology, biostatistics, biologicalmodelling and simulation, system
170	PN-II-ID-PCE-2011-3-0607	Ghilencea	Dumitru	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU FIZICA SI INGINERIE NUCLEARA HORIA HULUBEI IFIN HH DIN BUCURESTI		An effective field theory approach to new Physics Beyond the Standard Model in the LHC era.	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
171	PN-II-ID-PCE-2011-3-0447	Anghel	Sorin Dan	Babes-Bolyai University	DBD în configurații de tip plan-paralel și vârf-plan ale electrozilor, generate în circuite rezonante pentru tratarea suprafețelor termosensibile	DBD in plan-parallel and pin to plane electrodes configuration generated in resonant circuits for surface treatment of thermo-sensitive materials	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
172	PN-II-ID-PCE-2011-3-0867	Patrut	Adrian	Babes Bolyai University	Noi cercetări în dendrocronologie și modificări climatice prin datare cu radiocarbon prin AMS/CFAMS și analiză de izotopi stabili (carbon și oxigen)	New dendrochronological and environmental climate change research by AMS/CFAMS radiocarbon dating and stable (carbon and oxygen) isotope analysis	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
173	PN-II-ID-PCE-2011-3-0369	Aldea	Nicolae	National Institute for Research and Development for Isotopic and Molecular Technologies, Cluj-Napoca	TEHNICI DE ANALIZA DIMENSIONALITATII CLUSTERILOR METALICI NANOSTRUCTURATI CU PROPRIETATI CATALITICE	NANODIMENSIONALITY ANALYSIS TECHNIQUES FOR METALLIC CLUSTERS WITH CATALYTIC PROPERTIES	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry

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174	PN-II-ID-PCE-2011-3-0253	Leontie	Liviu	UNIVERSITATEA ALEXANDRU IOAN CUZA DIN IASI	Nanocompozite și nanostructuri pe bază de materiale A3B6 stratificate cu aplicații în conversia și stocarea energiei și senzori/acumulatori de gaz	Nanocomposites and nanostructures based on III-VI layered materials with applications in energy conversion and storage, and gas sensing/accumulation	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
175	PN-II-ID-PCE-2011-3-0689	Dimitriu	Dan-Gheorghe	Universitatea Alexandru Ioan Cuza Iasi	Instabilitati si fenomene haotice in plasma de temperatura joasa	Instabilities and chaotic phenomena in low-temperature plasma	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
176	PN-II-ID-PCE-2011-3-0225	Postelnicu	Adrian	Transilvania University	Controlul activ si pasiv al curgerii in sisteme compozite fluide-straturi poroase	Active and passive flow control in composite fluid-porous layers systems (AFPOR)	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
177	PN-II-ID-PCE-2011-3-0362	David	Liana	Institute of Mathematics "Simion Stoilow" of the Romanian Academy		Hermitian and quaternionic structures on manifolds and applications	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
178	PN-II-ID-PCE-2011-3-0293	Cimpoiu	Claudia	Universitatea Babes-Bolyai	Dezvoltarea si evaluarea unei noi metodologii de amprentare și de autentificare a unor alimente functionale pe baza caracteristicilor lor	Development and assessment of a new methodology for fingerprinting and authentication of some functional food on the basis of their characteristics	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
179	PN-II-ID-PCE-2011-3-0020	Martin	Olga	University Politehnica Bucharest	SOLUTII ANALITICE SI NUMERICE ALE ECUATIILOR INTEGRO-DIFERENTIALE CU APLICATII LA ECUATIA DE TRANSPORT A NEUTRONILOR	ANALYTICAL AND NUMERICAL SOLUTIONS OF THE INTEGRAL-DIFFERENTIAL EQUATIONS WITH APPLICATIONS TO THE NEUTRON TRANSPORT EQUATION	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics

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180	PN-II-ID-PCE-2011-3-0026	Nicu	Bizon	UNIVERSITY OF PITESTI	Arhitecturi cu fiabilitate ridicata pentru sursele de alimentare hibride utilizate in sistemele auto si de generarea a energiei	ARCHITECTURES FOR HIGH RELIABILITY HYBRID POWER SOURCES USED IN AUTOMOTIVE AND ENERGY GENERATION SYSTEMS	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
181	PN-II-ID-PCE-2011-3-0103	JANTSCHI	Lorentz	UNIVERSITATEA DE STIINTE AGRICOLE SI DE MEDICINA VETERINARA CLUJ-NAPOCA	Distributia de esantionare in analiza de biodiversitate	Sampling distribution in biodiversity analysis	LS8	Evolutionary, population and environmental biology: evolution, ecology, animal behaviour, population biology, biodiversity, biogeography, marine biology,eco-toxicology, prokaryotic biology
182	PN-II-ID-PCE-2011-3-0473	Carp	Oana	Institute of Physical Chemistry "Ilie Murgulescu" of the Romanian Academy		Eco-friendly design/synthesis of nanooxides: control of size, shape, morphology and fuctionalization of ZnO by polysaccharide-assisted methodologies	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
183	PN-II-ID-PCE-2011-3-0547	MIRCEAN	Viorica	University of Agricultural Science and Veterinary Medicine Cluj-Napoca	Epidemiologie moleculara in infectia cu Giardia duodenalis la animale si semnificatia zoonotica a izolatelor	Molecular epidemiology and zoonotic significance of Giardia duodenalis isolates from animals	LS6	Immunity and infection: immunobiology, aetiology of immune disorders, microbiology, virology, parasitology, global and other infectious diseases, population dynamics of infectious diseases, veterinary medicine
184	PN-II-ID-PCE-2011-3-0096	Piso	Ioan	Universitatea Babes-Bolyai (UBB)		Written Heritage of the Roman Civilization in Northern Romania	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
185	PN-II-ID-PCE-2011-3-0412	Ardevan	Radu	Babes Bolyai University	Lexicon Epigraphicum Daciae	Epigraphic Lexicon of Dacia	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
186	PN-II-ID-PCE-2011-3-0825	Alexianu	Marius-Tiberiu	Universitatea "Alexandru Ioan Cuza" Iasi	Etnoarheologia izvoarelor de apă sărată și a munților de sare din zona extracarpatică a României	The Ethnoarchaeology of Salt Springs and Salt Mountains from the extra-Carpathian zone of Romania	SH6	The study of the human past: archaeology, history and memory

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187	PN-II-ID-PCE-2011-3-0951	Bildea	Costin Sorin	University POLITEHNICA of Bucharest		Novel Reactor Concepts for Coupling Endothermic and Exothermic Reactions	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
188	PN-II-ID-PCE-2011-3-0321	ARDELEANU	Luminita Angela	Institutul National de Cercetare-Dezvoltare pentru Fizica Pamantului - National Institute for Earth Physics	Atenuarea inelastica a undelor seismice in zona Carpatilor Orientali. Implicatii pentru estimarea hazardului seismic	Inelastic attenuation of the seismic waves in the Eastern Carpathians. Implications for the seismic hazard assessment	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
189	PN-II-ID-PCE-2011-3-1059	Laura-Dorina	Dinu	Microbial Biotechnology Center -Biotehgen	Dezvoltarea unei tehnici real-time PCR cu monoazida de propidium pentru detectia raspunsului nonculturabil la O. oeni si aplicarea ei in vinificatie	Development of a real-time PCR with propidium monoazide assay for detection of nonculturable response of O. oeni and its application in wine industry	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
190	PN-II-ID-PCE-2011-3-0076	Chiriac	Aurica	PETRU PONI INSTITUTE OF MACROMOLECULAR CHEMISTRY		Stimuli-responsive magnetic particles incorporating antioxidant structures and their biological evaluation	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
191	PN-II-ID-PCE-2011-3-0627	TOSA	Monica Ioana	University Babes Bolyai		Tailor-made immobilized enzymes for enantioselective synthesis of valuable chiral building blocks	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
192	PN-II-ID-PCE-2011-3-0244	CLENCI	Adrian Constantin	Universitatea din Pitesti	Cercetari teoretice si experimentale pentru ilustrarea efectelor inaltimii de ridicare a supapei de admisie asupra economicitatii m.a.s.	Theoretical and experimental research for outlining the effects of intake valve lift on the gasoline engine's fuel economy	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering

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193	PN-II-ID-PCE-2011-3-0069	Romanescu	Gheorghe	Universitatea Alexandru Ioan Cuza	Evaluarea impactului de mediu si implementarea modelelor de amenajare pentru imbunatatirea situatiilor de risc la inundatii in bazinul hidrografic Si	Evaluation of the environmental impact and implementation of planning models to improve risk situations for floods in the Siret and Prut watersheds	SH3	Environment and society: environmental studies, demography, social geography, urban and regional studies
194	PN-II-ID-PCE-2011-3-0145	Muresan	Cornelia	Universitatea Babes-Bolyai		Understanding Family Change from the Life Course Perspective. Romania in European Context.	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
195	PN-II-ID-PCE-2011-3-0127	Cata-Danil	Irina	Institutul National de Cercetare-Dezvoltare pentru Fizica si Inginerie Nucleara "Horia Hulubei"	Reactii nucleare de captura radioactiva de interes astrofizic	"Nuclear reactions regarding radiocative capture of astrophysical interests"	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
196	PN-II-ID-PCE-2011-3-0023	Marincea	Stefan	Geological Institute of Romania (Institute of Research and Development in the Fields of Geology, Geophysics, Geochemistry, and Remote Sensing -IGR Bucharest)	Studii mineralogice asupra skarnelor de foarte inalta temperatura din Romania: o cale catre intelegerea schimbarilor din cimenturile de tip Portland	Mineralogical studies on high-temperature skarns in Romania: A way to understand the changes in the Portland-type clinkers and cements	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
197	PN-II-ID-PCE-2011-3-0748	Suciu	Constantin	Universitatea Transilvania Brasov		HOPE – High-Performance Computing on Optimized Cardio component modEls	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
198	PN-II-ID-PCE-2011-3-0270	SIRGHI	LUCEL	Universitatea Alexandru Ioan Cuza	FUNCTIONALIZAREA CU PLASMA A SONDELOR NANOSCOPICE	PLASMA FUNCTIONALIZATION OF NANOSCOPIC PROBES	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
199	PN-II-ID-PCE-2011-3-0652	Popa	Alexandru	Muzeul Național al Carpaților Răsăriteni	Granița romană în estul Provinciei Dacia	Die römische Grenze im Osten der Provinz Dakien	SH6	The study of the human past: archaeology, history and memory
200	PN-II-ID-PCE-2011-3-0332	CHIRITA	STAN	UNIVERSITATEA ALEXANDRU IOAN CUZA IASI	NOI MODELE MATEMATICE SI PROBLEME ASOCIATE IN MECANICA MEDIILOR CONTINUE	NEW MATHEMATICAL MODELS AND RELATED PROBLEMS IN CONTINUUM MECHANICS	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics

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201	PN-II-ID-PCE-2011-3-0599	Bogdan Alexandru	Danalache	UNIVERSITATEA ALEXANDRU IOAN CUZA IASI	Condiționarea hormonală a mitocondriilor celulelor sușă în terapia celulară cardioprotectoare	Stem cells mitochondria hormonal preconditioning for cardioprotective cell therapy	LS3	Cellular and Developmental Biology: cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals
202	PN-II-ID-PCE-2011-3-0837	Craciunescu	Corneliu Marius	"Politehnica" University of Timisoara	Sistem de Explorare pentru Optimizarea Actionarii cu Aliaje cu Memorie a Formei in Distributii Compozitionale	Exploration System for Optimization of Shape Memory Actuation in Compositional Spreads	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
203	PN-II-ID-PCE-2011-3-0460	TETEAN VINTELER	ROMULUS	BABES-BOLYAI UNIVERSITY		Basic researches on physical properties and magnetocaloric effect of nanostructured double layered perovskites-bulk and thin films	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
204	PN-II-ID-PCE-2011-3-0913	Papadima	Liviu	University of Bucharest	Migratie si reconfigurare identitara in scrieri de calatorie romanesti (1960-2010)- MARIS	Migration and Reshaping Identities in Romanian Travel Writings (1960-2010) - MARIS	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
205	PN-II-ID-PCE-2011-3-0036	DADARLAT	DORIN NICOLAE	National Institute for Research and Development of Isotopic and Molecular Technology	Calorimetrie fotopiroelectrică de înaltă acuratețe pentru nanofluidice magnetice	High Accuracy Photopyroelectric Calorimetry for Magnetic Nanofluids	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
206	PN-II-ID-PCE-2011-3-0718	Tiplea	Ferucio Laurentiu	Universitatea "Alexandru Ioan Cuza" din Iasi	Specificarea si verificarea formala a cerintelor de securitate pentru protocoale de comert electronic	Formal Specification and Verification of Security Requirements for e-commerce Protocols	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
207	PN-II-ID-PCE-2011-3-0832	Stefan	Marius-Razvan	Universitatea de Stiinte Agricole si Medicina Veterinara	Descrierea raspunsului celular la actiunea biomaterialelor folosind spectroscopia IR si Raman	Describing cell response to biomaterials by means of IR and Raman spectroscopy	LS6	Immunity and infection: immunobiology, aetiology of immune disorders, microbiology, virology, parasitology, global and other infectious diseases, population dynamics of infectious diseases, veterinary medicine

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208	PN-II-ID-PCE-2011-3-0400	Dumitrescu	Bogdan	Politehnica University of Bucharest	Reprezentari rare in prelucrarea semnalelor	Sparse representations in signal processing	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
209	PN-II-ID-PCE-2011-3-0043	Goga	Yvonne	Babes-Bolyai University	Institutia familiei intre exil si mostenire culturala. Studiu comparativ asupra romanului actual francez, romanesc si englez	The Institution of Family Between Exile and Cultural Heritage. A Comparative Study of the French, Romanian and English Contemporary Novel	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
210	PN-II-ID-PCE-2011-3-0087	Mortici	Cristinel	Valahia University of Targoviste		Methods and Algorithms in Asymptotic Analysis of Gamma and Related Functions with Applications	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
211	PN-II-ID-PCE-2011-3-0283	David	Victor	University of Bucharest	MODELAREA RETENTIEI IN CROMATOGRAFIA DE LICHIDE PENTRU ESTIMAREA DESCRIPTORILOR MOLECULARI DE HIDROFOBICITATE / HIDROFILICITATE	RETENTION MODELING IN LIQUID CHROMATOGRAPHY FOR ESTIMATING HYDROPHOBICITY / HYDROPHILICITY MOLECULAR DESCRIPTORS	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
212	PN-II-ID-PCE-2011-3-0933	Silvestru	Cristian	Babes-Bolyai University	NOI COMPUSI ORGANOMETALICI AI METALELOR GRELE DIN GRUPA 15 (STIBIU, BISMUT) – UTILIZARE POTENTIALA IN CATALIZA	NEW ORGANOMETALLIC COMPOUNDS OF HEAVY GROUP 15 METALS (ANTIMONY, BISMUTH) – POTENTIAL USE IN CATALYSIS	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
213	PN-II-ID-PCE-2011-3-0184	Balint	Ioan	Romanian Academy, Institute of Physical Chemistry Ilie Murgulescu	Strategie de imbunatatire a catalizatorilor prin medierea interactiei metal-suport si prin controlul morfologiei nanoparticulelor mono/bimetalice	Improvement strategy of catalysts by mediation of metal-support interaction and by control of morphology of mono and bimetallic nanoparticles	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
214	PN-II-ID-PCE-2011-3-0115	Iancu	Bogdan	Romanian Academic Society	Guvernanta/Guvernament - Semantica constitutională a autonomiei	Governance/ Government - The Constitutional Semantics of Autonomy	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology

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215	PN-II-ID-PCE-2011-3-0640	Panaiteanu	Denis Mihaela	National Institute for Research and Development in Chemistry and Petrochemistry	Proiectarea unor noi tipuri de modificatori pe baza de nanofibre celulozice pentru dezvoltarea unor compozite polimerice avansate prietenoase mediului	Designing new types of modifiers based on cellulose nanofibres for the development of advanced eco-friendly polymer composites	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
216	PN-II-ID-PCE-2011-3-0557	Luca Tudorache	Rodica	Gheorghe Asachi Technical University of Iasi	Probleme la limita pentru sisteme de ecuatii diferentiale neliniare cu aplicatii in electronica si mecanica	Boundary value problems for systems of nonlinear differential equations with applications in electronics and mechanics	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
217	PN-II-ID-PCE-2011-3-0349	Giuclea	Marius	The Bucharest Academy of Economic Studies		Employment in Romania as Reconstruction of Trust: A Hysteresis and Game Theory Approach	SH1	Individuals, institutions and markets: economics, finance and management
218	PN-II-ID-PCE-2011-3-0854	Echim	Marius	Institutul National de Cercetare Dezvoltare pentru Fizica Laserilor Plasmei si Radiatiei - Institutul de Stiinte Spatiale	Turbulenta, intermitenta si transfer de energie in sistemul vant solar magnetosfera.	Turbulence, Intermittency and Multiscale transfer of Energy in the Solar-wind and magnetosphere (TIMES)	PE9	Universe sciences: astro-physics/chemistry/biology; solar system; stellar, galactic and extragalactic astronomy, planetary systems, cosmology; space science, instrumentation
219	PN-II-ID-PCE-2011-3-0981	Istrate	Gabriel	Institutul e-Austria (e-Austria Research Institute)		Structure and intractability in combinatorial optimization: an interdisciplinary approach	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
220	PN-II-ID-PCE-2011-3-0056	Ioniță	Ion	UNIVERSITATEA ALEXANDRU IOAN CUZA IASI	Estimarea ratei de sedimentare recentă în Podisul Moldovei	Assessment of the recent sedimentation rate within the Moldavian Plateau	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management

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221	PN-II-ID-PCE-2011-3-0585	Chirita	Paul	University of Craiova		The study of iron monosulfide dissolution: Properties and effect of formed sulfur rich layer	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
222	PN-II-ID-PCE-2011-3-0993	Popa	Vlad Tudor	"Ilie Murgulescu" Institute of Physical Chemistry of the Romanian Academy	Amprente cinetice ale cresterii bacteriene si ale eficientei antibioticelor obtinute prin microcalorimetrie	Kinetic fingerprints of bacterial growth and antibiotic efficiency obtained via microcalorimetry	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
223	PN-II-ID-PCE-2011-3-0282	ILIA	GHEORGHE	INSTITUTUL DE CHIMIE TIMISOARA AL ACADEMIEI ROMANE	NOI MATERIALE NANOSTRUCTURATE AVAND MOLECULE DE CUPLARE ORGANOFOSFORICE PENTRU STOCAREA HIDROGENULUI SI A ALTOR GAZE LEGATE DE PRODUCEREA ENERGIEI	NOVEL NANOSTRUCTURED MATERIALS CONTAINING ORGANOPHOSPHORUS COUPLING MOLECULES FOR STORAGE OF HYDROGEN AND OTHER ENERGY-RELATED GASES	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
224	PN-II-ID-PCE-2011-3-0070	SAHAGIA	MARIA	Institutul National de Cercetare-Dezvoltare pentru Fizica si Inginerie Nucleara Horia Hulubei	ETALONAREA ABSOLUTA SI STUDIUL PARAMETRIILOR DE DEZINTEGRARE AI EMITATORILOR DE POZITRONI PENTRU SISTEME PET. ASIGURAREA TRASABILITATII METROLOGICE	ABSOLUTE STANDARDIZATION AND STUDY OF THE DECAY PARAMETERS FOR POSITRON EMITTERS USED IN PET SYSTEMS. ASSURANCE OF THE METROLOGICAL TRACEABILITY	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
225	PN-II-ID-PCE-2011-3-0088	CASCAVAL	DAN	Gheorghe Asachi Technical University of Iasi	Separarea avansata prin pertractie facilitata si sinergetica a compusilor de biosinteza	Advanced separation of biosynthetic compounds by facilitated and synergetic pertraction	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
226	PN-II-ID-PCE-2011-3-0291	Bucataru	Ioan	Universitatea "Alexandru Ioan Cuza" din Iasi	Un cadru geometric unitar pentru sisteme de ecuatii diferentiale pe varietati	A unifying geometric setting for systems of differential equations on manifolds	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics

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227	PN-II-ID-PCE-2011-3-0414	Galaction	Anca Irina	Gr.T.Popa University of Medicine and Pharmacy	SISTEME NECONVENTIONALE DE FERMENTATIE AEROBA – UTILIZAREA OXIGEN-VECTORILOR IN BIOSINTEZA COMPUSILOR BIOLOGIC ACTIVI	NON-CONVENTIONAL SYSTEMS FOR AEROBIC FERMENTATION - THE USE OF OXYGEN-VECTORS IN BIOSYNTHESIS OF BIOACTIVE COMPOUNDS	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
228	PN-II-ID-PCE-2011-3-0645	TURCUS	SERBAN	Universitatea Babes-Bolyai din Cluj-Napoca	Legal vocabulary in medieval Transylvania (13th-15th centuries): constitution, evolution, glossary.	Vocabularul juridic in Transilvania medievala (secolele XIII-XV): constituiere, evolutie, glosar.	SH6	The study of the human past: archaeology, history and memory
229	PN-II-ID-PCE-2011-3-0833	Dumitrescu	Dumitru	Babes-Bolyai University		Towards an Integration of Evolutionary Multi-criteria Optimization, Computational Game Theory, and Decision Making	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
230	PN-II-ID-PCE-2011-3-0212	NEGREA	BOGDAN CRISTIAN	Bucharest Academy of Economic Studies		BID-ASK SPREAD VALUATION AS ARBITRAGE BOUNDS: AN UNIFYING APPROACH OF FINANCIAL ASSETS PRICING AND ITS EMPIRICAL PERFORMANCES.	SH1	Individuals, institutions and markets: economics, finance and management
231	PN-II-ID-PCE-2011-3-0172	Lazar	Mihaela Diana	National Institute for Research and Development of Isotopic and Molecular Technologies Cluj Napoca		Catalytic chemoselective partial oxidation of glycerol – a bio-renewable route to valuable chemicals	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
232	PN-II-ID-PCE-2011-3-1039	Ionita	Mariana	University of Agronomical Sciences and Veterinary Medicine of Bucharest	Studii avansate de epidemiologie moleculară în endoparazitoze la cabaline în corelație cu sisteme de creștere din Romania și riscul chemorezistenței	Advanced study in molecular epidemiology on endoparasites in studs and yards horses in Romania and the associated risk for anthelmintic resistance	LS6	Immunity and infection: immunobiology, aetiology of immune disorders, microbiology, virology, parasitology, global and other infectious diseases, population dynamics of infectious diseases, veterinary medicine
233	PN-II-ID-PCE-2011-3-0243	Coltuc	Dinu	Valahia University of Targoviste	Ordine stricta: dezvoltari teoretice si aplicatii in prelucrarea imaginilor	Strict ordering: theoretical developments and applications in image processing	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems

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234	PN-II-ID-PCE-2011-3-0803	Salabas	Aurel	University of Craiova Faculty of Physics		Numerical Simulation of Low-Temperature Plasma Devices - gate for new plasma sources -	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
235	PN-II-ID-PCE-2011-3-0484	Vanderborgh	Bram	Babes-Bolyai University	Explorarea Terapiei Asistate de Roboti la copiii cu tulburari din spectrul autist	Exploring Robot Assisted Therapy for Children with ASD	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
236	PN-II-ID-PCE-2011-3-0211	Tiba	Dan	Institutul de Matematica "Simion Stoilow" Bucuresti	Probleme de optimizarea formelor si control optimal	Shape optimization and optimal control problems	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
237	PN-II-ID-PCE-2011-3-0228	Puchianu	Carmen Elisabeta	Transilvania University	Identitate si alteritate reflectata in saptamanalul de limba germana Karpatenrundschau. Anii 80 si 90.	Identity and Alterity reflected by the German Weekly Karpatenrundschau. The 80s and 90s	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
238	PN-II-ID-PCE-2011-3-0037	RUSU	Eugen Victor Cristian	Universitatea Dunarea de Jos din Galati	EXPLOMAR – Studiul conditiilor de mediu din Marea Neagra utilizand un sistem mixt multi-nivel pentru modelarea valurilor si curentilor	EXPLOMAR – Study of the environmental conditions in the Black Sea using a multilevel joint modeling system for waves and currents	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
239	PN-II-ID-PCE-2011-3-0653	Onu	Mihaela	"Prof. Dr. Th. Burghel" Clinical Hospital.	Modificările morfologice și funcționale ale creierului normal afectat de îmbătrânire evaluate prin tehnicile RMN cantitative.	Morphological and functional changes in normal aging brain assessed by quantitative MRI techniques	LS5	Neurosciences and neural disorders: neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological disorders, psychiatry

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240	PN-II-ID-PCE-2011-3-0567	ITTU	MARIANA	NATIONAL AGRICULTURAL RESEARCH DEVELOPMENT INSTITUTE FUNDULEA	Abordari moleculare pentru ameliorarea rezistentei durabile a graului (Triticum aestivum L.) la rugina bruna (Puccinia triticina Eriks.)	MOLECULAR APPROACHES TO DEVELOP RESISTANCE OF DURABLE TYPE TO LEAF RUST (Puccinia triticina Eriks.) IN WHEAT (Triticum aestivum L.)	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
241	PN-II-ID-PCE-2011-3-0927	Pascu	Mihail Lucian	National Institute for Lasers, Plasma, and Radiation Physics	Emisia multidirectionala a radiatiei laser de catre medii active optice deformabile pompate optic si avand dimensiuni milimetrice si submilimetrice	Multidirectional emission of laser radiation by optically pumped deformable active media of millimeter and submillimeter dimensions	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
242	PN-II-ID-PCE-2011-3-0284	MACARIE	LAVINIA	INSTITUTUL DE CHIMIE TIMISOARA AL ACADEMIEI ROMANE	Materiale usoare pe baza de acid vinilfosfonic cu potentiale aplicatii ca polimer-electroliti la celule de combustie si schimbatori de ioni	Soft materials based on vinylphosphonic acid with potential applications as polymer electrolyte in fuel cells and ion-exchangers	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
243	PN-II-ID-PCE-2011-3-0724	Botosineanu	Luminita	Academia Romana, Filiala Iasi	eNALR. Noul Atlas lingvistic roman, pe regiuni, electronic. Moldova si Bucovina	eNALR. The New Romanian Linguistic Atlas, on Regions. Moldova and Bucovina. Electronic Format	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
244	PN-II-ID-PCE-2011-3-0016	TUDORA	Anabella	University of Bucharest, Faculty of Physics	Modelarea emisiei neutronilor prompti de fisiune	Modeling of the prompt fission neutron emission	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
245	PN-II-ID-PCE-2011-3-0042	Raduta	Apolodor Aristotel	Institute of Physics and Nuclear Engineering-Horia Hulubei	Cercetari moderne despre structura nucleara, tranzitii de faza si dezintegrarea beta dubla	Topical research on nuclear structure, phase transitions and double beta decay. Acronim : TRNSPTDBD	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
246	PN-II-ID-PCE-2011-3-0297	Pasa	Gelu	Institute of Mathematics Simion Stoilow of the Romanian Academy	Modelarea matematica a fenomenelor tranzitorii in medii eterogene.	Mathematical modelisation for transient phenomena in heterogeneous media.	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics

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247	PN-II-ID-PCE-2011-3-0227	Ion	Alina Catrinel	University Politehnica of Bucharest	Aplicatii ale unor noi nanomateriale pe baza de carbon ca sorbenti pentru contaminanti din mediu	Applications of new carbon - based nanomaterials as sorbents for environmental contaminants	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
248	PN-II-ID-PCE-2011-3-1038	Pastravanu	Octavian-Cezar	The "Gheorghe Asachi" Technical University of Iasi		Diagonal stability and flow invariance in control engineering. Techniques specialized for classes of dynamics, encompassed by a unified framework	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
249	PN-II-ID-PCE-2011-3-0389	Sima	Vasile	Institutul National de Cercetare-Dezvoltare in Informatica - ICI Bucuresti		Structure-exploiting algorithms in control systems analysis and design	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
250	PN-II-ID-PCE-2011-3-0385	Osaci	Mihaela	"Politehnica" University of Timisoara	STUDII ASUPRA OPTIMIZARII RATEI SPECIFICE DE ABSORBTIE (SAR) IN HIPERTERMIA MAGNETICA CU NANOPARTICULE SUPERPARAMAGNETICE	STUDIES TO OPTIMIZE THE SPECIFIC ABSORPTION RATE (SAR) IN MAGNETIC HYPERTHERMIA, WITH SUPERPARAMAGNETIC NANOPARTICLES	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
251	PN-II-ID-PCE-2011-3-0125	Pruneanu	Stela Maria	National Institute for Research and Development of Isotopic and Molecular Technologies	Electrozi pe baza de graphene-nanoparticule metalice pentru detectia poluantilor farmaceutici	Graphene-metal nanoparticles based electrodes for detection of pharmaceutical pollutants	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
252	PN-II-ID-PCE-2011-3-0132	Paltineanu	Cristian	Research Station for Fruit Growing (Stațiunea de Cercetare-Dezvoltare pentru Pomicultura - SCDP)Constanta	Diagnosticarea si cuantificarea timpurie a stresului hidric la piersic si mar in schimbari climatice prin abordare multi-senzoriala si modelare	Early diagnosis and quantifying of water stress in peach and apple by multi-sensorial approach and modeling under climate change in southern Romania	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation

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253	PN-II-ID-PCE-2011-3-1016	Braic	Mariana	National Institute for Optoelectronics	Carburi ale aliajelor de inalta entropie ca o noua generatie de straturi de acoperire	High entropy alloy carbides as Next Generation Coatings - HOPING	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
254	PN-II-ID-PCE-2011-3-1051	Simona	RADA	Technical University of Cluj-Napoca	Investigatii experimentale si simulari de modelare moleculara pe sticle neconventionale conductive ionic cu aplicatii in optoelectronica	Experimental investigations and molecular modeling simulations on the ionic conducting unconventional glasses with applications in optoelectronics	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
255	PN-II-ID-PCE-2011-3-0397	Rubel	Alexander	Academia Romana Filiala Iasi (Institutul de Arheologie)		"Performance of Alterity". The Barbarization of Rome and the Romanization of the World.	SH6	The study of the human past: archaeology, history and memory
256	PN-II-ID-PCE-2011-3-0250	Olenic	Liliana	National Institute for Research&Development of Isotopic and Molecular Technologies		Modern methods and economical aspects of prevention and therapy of skin ageing based on nanotechnologies	LS4	Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome
257	PN-II-ID-PCE-2011-3-0573	Gabriela	Lisa	The "Gheorghe Asachi" Technical University of Iasi	Studii privind relația structură – proprietăți pentru o serie de noi materiale înalt performante	Studies on the structure - property relationship of some new high performance materials	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
258	PN-II-ID-PCE-2011-3-0048	UNGUREANU	G. Mihaela	Politehnica University of Bucharest	Contributii la evidentierea cauzalitatii in analiza semnalelor biomedicale: investigarea conectivitatii cerebrale efective	Contributions on revealing the causality in biomedical signal analysis: investigation of the effective brain connectivity	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
259	PN-II-ID-PCE-2011-3-0764	ROATESI	Simona Ionica	Military Technical Academy	Modele experimentale si numerice pentru comportarea betonului la explozii si impact	Experimental and numerical models for concrete behaviour at explosion and impact	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering

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260	PN-II-ID-PCE-2011-3-0177	BALA	ANDREI	National Institute for Research and Development for Earth Physics	Metodologie optimizata de determinare a microzonarii seismice folosind date seismologice si geofizice.	Optimized methodology for assessing the seismic microzonation using seismologic data and geophysical data.	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
261	PN-II-ID-PCE-2011-3-0579	Ani	Elisabeta-Cristina	Universitatea Babes-Bolyai	Abordarea integrata a durabilitatii calitatii apei: statii de epurare si poluarea raurilor	Integrated approach of water quality sustainability: waste water treatment plants and river pollution	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
262	PN-II-ID-PCE-2011-3-1013	Marghitu	Octav	INFLPR - INSTITUTUL DE STIINTE SPATIALE	Cuplaj Magnetosfera-Ionosfera in Regiunea Aurorala	Magnetosphere-Ionosphere Coupling in the Auroral Region (M-ICAR)	PE9	Universe sciences: astro-physics/chemistry/biology; solar system; stellar, galactic and extragalactic astronomy, planetary systems, cosmology; space science, instrumentation
263	PN-II-ID-PCE-2011-3-0024	Kassay	Gabor	Babes-Bolyai University	Structura si senzitivitatea solutiilor inegalitatilor variationale, problemelor de optimizare si echilibru in ipoteze de monotonie generalizata	The structure and sensitivity of the solution sets of variational inequalities, optimization and equilibrium problems under generalized monotonicity	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
264	PN-II-ID-PCE-2011-3-0569	Iencean	Stefan Mircea	SPITALUL CLINIC DE URGENTA "PROF. DR.NICOLAE OBLU" IASI	Neuroprotectia imediata in leziunile traumatice acute ale maduvei spinarii	Immediate neuroprotective therapy in acute traumatic spinal cord injury	LS5	Neurosciences and neural disorders: neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological disorders, psychiatry
265	PN-II-ID-PCE-2011-3-0085	ION	DUMITRU	NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT FOR PHYSICS AND NUCLEAR ENGINEERING HORIA HULUBEI	Cercetari exploratorii in fizica nucleara si subnucleara bazate pe principii de simetrie si optimalitate in spatial starilor.	EXPLORATORY RESEARCH IN NUCLEAR AND SUBNUCLEAR PHYSICS BASED ON SYMMETRY AND OPTIMALITY PRINCIPLES IN SPACE OF STATES	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics

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266	PN-II-ID-PCE-2011-3-0150	Gorunescu	Florin	Universitatea de Medicina si Farmacie din Craiova	Sistem sinergetic inteligent de decizie pentru asistarea diagnosticului medical în cazul patologiilor multiple	Intelligent Synergetic Decision System Supporting Multi-pathology Medical Diagnosis	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
267	PN-II-ID-PCE-2011-3-0280	Alexandru	Popa	Institute of Chemistry Timisoara of Romanian Academy	Materiale nanocompozite din saruri de Cs si Ag ale heteropoliacizilor de tip Keggin incorporate in silice si oxid de titan cu aplicatii in cataliza	Nanocomposites materials based on Cs and Ag salts of Keggin type heteropolyacids incorporated on silica and titania with application in catalysis	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
268	PN-II-ID-PCE-2011-3-0875	Bohotin	Catalina	University of Medicine and Pharmacy "Gr.T.Popa" Iasi		Experimental Studies on the Relation Between Mitochondrial Dysfunction and Pain; New Perspectives In Pain Therapy	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
269	PN-II-ID-PCE-2011-3-0588	Onac	Bogdan Petroniu	Universitatea Babes-Bolyai	Reconstituiri de paleomediu pe baza analizelor de izotopi stabili efectuate pe depozitele de guano din pesteri	Stable isotope signature in cave guano as archive of past environments	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
270	PN-II-ID-PCE-2011-3-0314	Marza	Eva Maria	"1 Decembrie 1918" University of Alba Iulia	Cartea romaneasca veche in Imperiul Habsburgic (1691-1830). Recuperarea unei identitati culturale	Old Romanian Book in the Habsburg Empire (1691-1830). Recovery of a cultural identity	SH6	The study of the human past: archaeology, history and memory
271	PN-II-ID-PCE-2011-3-0516	Sofonea	Victor	ACADEMIA ROMANA FILIALA TIMISOARA		Kinetic models for micro-scale transport phenomena and structure formation in complex fluids: implementation on GPU-based parallel computing systems	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
272	PN-II-ID-PCE-2011-3-0452	Beu	Titus	University Babes-Bolyai	Studii computationale de transport si incapsulare a unor compusi anorganici/anorganici in nanotuburi de carbon	Computational studies of transport and encapsulation of inorganic/organic compounds in carbon nanotubes	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences

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273	PN-II-ID-PCE-2011-3-0074	Popescu	Theodor Dan	National Institute for Research and Development in Informatics		Advanced Techniques for Independent Component Analysis and Blind Source Separation with Applications	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
274	PN-II-ID-PCE-2011-3-0740	Balan	Emil	National School of Political Studies and Public Administration	Simplificarea procedurilor administrative. Analiza multidisciplinara asupra drepturilor si intereselor cetatenilor in raport cu administratia publica	Simplification of the Administrative Procedures. Multidisciplinary Analysis on Citizens' Rights and Interests in Relation to Public Administration	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
275	PN-II-ID-PCE-2011-3-0055	Rusu	Liliana Celia	Universitatea Dunarea de Jos din Galati	SAFEROUTES - Implementarea unui sistem bazat pe modele numerice pentru cresterea sigurantei navigatiei in Marea Neagra	SAFEROUTES – Implementation of a system based on numerical models for safety increasing of the navigation in the Black Sea	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
276	PN-II-ID-PCE-2011-3-0464	Radu	Mihai	Horia Hulubei National Institute of Physics and Nuclear Engineering		Cholesterol lowering drugs and oxidative stress effects induced on oligodendrocytes/neurons co-cultures models	LS3	Cellular and Developmental Biology: cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals
277	PN-II-ID-PCE-2011-3-0717	Munteanu	Marian	Geological Institute of Romania	Cercetarea rocilor mafice si ultramafice ale ciclului alpin din Carpatii Romanesti - o abordare multidisciplinara	Investigation of the mafic and ultramafic rocks of the Alpine cycle in the Romanian Carpathians - a multidisciplinary approach	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
278	PN-II-ID-PCE-2011-3-0275	Huminic	Gabriela	Transilvania University of Brasov		Application of nanofluids to heat pipes for high performances in cooling systems	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering

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279	PN-II-ID-PCE-2011-3-0286	Bala	Camelia	University of Bucharest	INTERFETE BIOFUNCTIONALIZATE IN REALIZAREA DE BIOSENZORI PENTRU IDENTIFICAREA RAPIDA A PRODUSELOR FARMACEUTICE SI A METABOLITILOR IN APE UZATE	BIOFUNCTIONALIZED INTERFACES AS SMART BIOSENSORS FOR FAST IDENTIFICATION OF PHARMACEUTICAL AND METABOLITES IN WASTE WATER	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
280	PN-II-ID-PCE-2011-3-0891	Danca	Marius-Florin	Institutul Român de Știință și Tehnologie		PARAMETER SWITCHING FOR SOME CLASSES OF DYNAMICAL SYSTEMS; PROPERTIES AND APPLICATIONS	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
281	PN-II-ID-PCE-2011-3-0563	Dumitriu (Apreutesei)	Narcisa	Gheorghe Asachi Technical University	Modele din medicină și biologie: perspective matematice și numerice	Models from medicine and biology: mathematical and numerical insights	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
282	PN-II-ID-PCE-2011-3-0309	Ovidiu	Cristea	"Nicolae Iorga" Institute of History		Romanian Principalities as Frontier Societies and the Later Crusades (15th-16th centuries)	SH6	The study of the human past: archaeology, history and memory
283	PN-II-ID-PCE-2011-3-0348	Neda	Zoltan	Universitatea Babeș Bolyai	Sincronizare emergenta in sisteme complexe	Emergent synchronization in complex systems	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
284	PN-II-ID-PCE-2011-3-0119	Timotin	Dan Grigore	INSTITUTUL DE MATEMATICA SIMION STOILOW BUCURESTI		Multidimensional operator theory: reproducing kernel spaces, noncommutative functions, moment problems, and generalized dilation results	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
285	PN-II-ID-PCE-2011-3-0655	ACHIM	VIOREL	INSTITUTUL DE ISTORIE NICOLAE IORGA BUCURESTI	Miscarea abolitionista in contextul emanciparii civile si politice in Romania moderna	The abolitionist movement in the context of civil and political emancipation in modern Romania	SH6	The study of the human past: archaeology, history and memory
286	PN-II-ID-PCE-2011-3-0495	Buda	Mihai	POLITEHNICA University of Bucharest Faculty of Applied Chemistry and Materials Science Dept of Applied Physical Chemistry and Electrochemistry	Electrochimie dinamica: cinetica electrochimica teoretica si experimentală	Dynamic electrochemistry: theoretical and experimental electrochemical kinetics	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics

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287	PN-II-ID-PCE-2011-3-0984	Dondera	Mihai	University of Bucharest		Intense coherent radiation in interaction with electrons, ions and atoms	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
288	PN-II-ID-PCE-2011-3-0392	Aprodu	Iuliana	University Dunarea de Jos of Galati		Enzymatic tailoring of functional properties of millet and chickpea proteins	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
289	PN-II-ID-PCE-2011-3-1004	Tarasi	Crina	Universitatea Politehnica din Timisoara	Unul pentru toti: Consumul de Produse Biologice in Europa de Est	One for All: Conflicting Goals and the Green Consumption in Eastern Europe	SH3	Environment and society: environmental studies, demography, social geography, urban and regional studies
290	PN-II-ID-PCE-2011-3-0242	HADARUGA	DANIEL IOAN	POLITEHNICA UNIVERSITY OF TIMISOARA		New Omega-3 Fatty Acids / Flavonoids-Anthocyanins Bioconjugates: biosynthesis & nanoencapsulation in cyclodextrins-in-liposomes	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
291	PN-II-ID-PCE-2011-3-0191	Lelea	Dorin	University Politehnica of Timisoara	Amestecarea pasiva a nanofluidelor in microcanale	The nanofluid passive mixing in microchannels	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
292	PN-II-ID-PCE-2011-3-0204	Popa	Alexandru	National Institute for Research and Development in Laser, Plasma and Radiation Physics	Probleme noi in modelarea generarii radiatiilor tari prin interactii relativiste intre fascicule laser foarte intense si electroni sau atomi	Current challenges in modeling the generation of hard radiations by relativistic interactions between very intense laser beams and electrons or atoms	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
293	PN-II-ID-PCE-2011-3-0618	Branisteanu	Dumitru	UNIVERSITATEA DE MEDICINA SI FARMACIE GRIGORE T POPA IASI	Influenta varstei, greutatii, compozitiei corporale si hormonilor corelati asupra masei osoase la barbati si femei adulte cauziene	The influence of age, body mass, body composition and related hormones on bone mass in adult caucasian males and females.	LS4	Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome

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294	PN-II-ID-PCE-2011-3-0659	Silvestru	Anca	Babes-Bolyai University Cluj-Napoca	Noi complexe cu legatura metal-calcogen - potentiali precursori pentru materiale electronice	New complexes with metal-chalcogen bonds as potential precursors for electronic materials	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
295	PN-II-ID-PCE-2011-3-0624	Irimia	Mihaela	University of Bucharest	LITERATURA SI MEMORIA: CRONOTOPI AI IMAGINARULUI CULTURAL	LITERATURE AND MEMORY: CHRONOTOPES OF THE CULTURAL IMAGINARY	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
296	PN-II-ID-PCE-2011-3-0337	BODIU	ANDREI	Universitatea Transilvania din Brasov	Baza de date complexa privind poezia romana contemporana. O perspectiva culturala plurala	Complex data basis of Romanian Contemporary Poetry. A plural cultural perspective	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
297	PN-II-ID-PCE-2011-3-0374	Vintila	Teodor	Banat's University of Agricultural Science and Veterinary Medicine	Sorghul zaharat: materie primă versatilă pentru biocombustibili și biorafinărie	Sweet sorghum: a versatile raw material for biofuels and biorefinery	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
298	PN-II-ID-PCE-2011-3-0238	Ardelean	Ioan	Universitatea Tehnica din Cluj-Napoca	Efectul suprafetei asupra dinamicii moleculelor confinate in medii poroase cu impuritati magnetice	Nuclear magnetic resonance studies of surface effects on dynamics of molecules confined inside porous media with magnetic impurities	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
299	PN-II-ID-PCE-2011-3-1060	Cioca	Daniel	University of Medicine and Pharmacy "Victor Babes" Timisoara	Noi biomarkeri si strategii terapeutice in imunosenescenta si imunosenescenta asociata bolii Alzheimer	Novel biomarkers and therapeutical strategies in immunosenescence and Alzheimer disease-associated immunosenescence	LS4	Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome

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300	PN-II-ID-PCE-2011-3-0537	Baciu	Laurentiu-Calin	Universitatea Babes-Bolyai		Geogenic emissions of greenhouse gases from geothermal and petroleum systems – application to Romania	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
301	PN-II-ID-PCE-2011-3-0844	Bohotin	Valentin	University of Medicine and Pharmacy Iasi		Study on Potential Therapeutic Effect of Repetitive Transcranial Magnetic Stimulation on Different Types of Multiple Sclerosis Clinical Syndromes	LS5	Neurosciences and neural disorders: neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological disorders, psychiatry
302	PN-II-ID-PCE-2011-3-0065	Radulian	Mircea	National Institute of Research-Development for Earth Physics	Model integrat al litosferei si al seismotectonicii in regiunea Intra Carpatica de est (sectorul romanesc) bazat pe date seismologice	Integrated lithosphere and seismotectonic model of the Eastern Intra Carpathian region (Romanian sector) based on seismological data	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
303	PN-II-ID-PCE-2011-3-0384	Circu	Viorel	Universitatea din Bucuresti	Cristale lichide ionice cu proprietati luminescente	Luminescent ionic liquid crystals	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
304	PN-II-ID-PCE-2011-3-0693	Albu	Mihaela	Universitatea Politehnica Bucuresti	Rețele active de distributie. Identificarea parametrilor de model si analiza functionarii utilizand sisteme de masurare sincronizate.	Active Distribution Grids. Model Identification and Analysis Using Synchronised Measurements - ActiveDGModel	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
305	PN-II-ID-PCE-2011-3-0541	ALEXA	CALIN	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU FIZICA SI INGINERIE NUCLEARA HORIA HULUBEI IFIN HH DIN BUCURESTI	Studiul producerii leptonilor grei încărcăți la LHC	Study of charged heavy leptons production at the LHC	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics

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306	PN-II-ID-PCE-2011-3-0430	SĂLĂGEAN	MARCELA	"Babes-Bolyai" University	TRANSFORMAREA STRUCTURILOR ȘI FUNCȚIILOR ADMINISTRATIVE ÎN ROMÂNIA 1919-2013. DE LA CENTRALISM LA REGIONALISM	THE TRANSFORMATION OF THE ADMINISTRATIVE STRUCTURES AND FUNCTIONS IN ROMANIA BETWEEN 1919 AND 2013. FROM CENTRALISM TO REGIONALISM	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
307	PN-II-ID-PCE-2011-3-0635	Dascalescu	Sorin	University of Bucharest	Algebre Hopf in teoria categoriilor, teoria reprezentarii si combinatorica	Hopf algebras in category theory, representation theory and combinatorics	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
308	PN-II-ID-PCE-2011-3-0658	Gheorghe	Lucian Marian	National Institute for Laser, Plasma and Radiation Physics	Cercetarea si dezvoltarea de noi cristale optic nelineare de tip LGSB pentru obtinerea de surse laser compacte cu eficienta mare de emisie in vizibil	Research and development of new nonlinear optical crystals of LGSB type for the realization of highly efficient and compact visible laser sources	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
309	PN-II-ID-PCE-2011-3-1085	Serbanati	Luca Dan	Politehnica University of Bucharest	R2V2R - Real TO Virtual TO Real - O abordare inovatoare in asigurarea sanatatii prin integrarea cat mai perfecta a lumilor reale si virtuale	R2V2R - Real TO Virtual TO Real - An innovative approach to health care by a seamless integration of real and virtual worlds	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
310	PN-II-ID-PCE-2011-3-0508	Urda	Adriana	University of Bucharest	Reformarea metanolului cu vapori de apa pe catalizatori compusi intermetalici	Steam reforming of methanol on intermetallic compound catalysts	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
311	PN-II-ID-PCE-2011-3-0506	Raicu	Florina	Universitatea de Medicina si Farmacie Carol Davila		Molecular aspects of human male infertility: an integrative analysis based on high resolution array-CGH and global gene expression profiling	LS2	Genetics, Genomics, Bioinformatics and Systems Biology: genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics,metabolomics, bioinformatics, computational biology, biostatistics, biologicalmodelling and simulation, system

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312	PN-II-ID-PCE-2011-3-0727	Lavric	Vasile	University POLITEHNICA of Bucharest		Integrated water/wastewater networks dynamic behavior analysis.	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
313	PN-II-ID-PCE-2011-3-1052	COSTEA	Monica-Liana-Doina	Universitatea Politehnica Bucuresti	Proiectarea si realizarea practica a unui sistem solar inovativ de concentrare a radiatiei cu oglinzi Fresnel pentru antrenarea motoarelor solare	Design and Practical Achievement of Innovative Solar Concentrating Fresnel Mirror System Powering Solar Engines	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
314	PN-II-ID-PCE-2011-3-0911	Mihailescu	Dan Florin	University of Bucharest, Faculty of Biology	Determinarea structurii tridimensionale si a tranzitiilor conformationale a proteinelor prin spectroscopie de THz si modelare moleculara	Protein three-dimensional structure and conformational transitions determination by high-power narrow-band THz radiation and by molecular modeling	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction
315	PN-II-ID-PCE-2011-3-0966	Lorinczi	Adam	National Institute of Materials Physics	Fotodifuzia unor metale in stratul calcogenice pentru obtinerea de fotorezist de inalta rezolutie	Metal photodiffusion in chalcogenide films for high-resolution photoresist applications	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
316	PN-II-ID-PCE-2011-3-0179	Petris	Adrian	Institutul National de Cercetare - Dezvoltare pentru Fizica Laserilor, Plasmei si Radiatiei	Caracterizarea si controlul neliniaritatilor optice de ordin superior excitate cu pulsuri de femtosecunde in materiale nano-structurate	Characterizing and controlling femtosecond excited high-order optical nonlinearities in nano-structured materials	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
317	PN-II-ID-PCE-2011-3-1053	Forray	Ferenc Lazar	BABES-BOLYAI UNIVERSITY	Studiul geochimic complex a apelor minerale carbogazoase din România folosind izotopi radioactivi, izotopi stabili, elemente majore si elemente urma	Complex geochemical study of the Romanian sparkling mineral waters using stable and radioactive isotopes, major, minor and trace elements	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management

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318	PN-II-ID-PCE-2011-3-0859	Stamate	Marius	"VASILE ALECSANDRI" UNIVERSITY OF BACAU	Studiul efectului radiatiei ionizante si UV asupra proprietatilor straturilor subtiri de TiO2 depuse prin pulverizare in regim magnetron de c.c.	The study of the effect of the ionization and UV radiation to the properties of d.c. magnetron sputtered TiO2 thin films.	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
319	PN-II-ID-PCE-2011-3-0642	Pop	Viorel	Universitatea Babes-Bolyai	Cuplajul prin schimb interfazic in nanocompozite magnetice de tip dur/moale sub forma de pulberi, benzi sau straturi subtiri	Interphase Exchange Coupling in Hard/Soft Magnetic Nanocomposite; Powders, Ribbons and Thin Layers	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
320	PN-II-ID-PCE-2011-3-0142	crisan	vasile	Babes-Bolyai University, Faculty of Physics	ORDONAREA CHIMICA SI DIZORDINEA TOPOLOGICA IN ALIAJELE METALELOR DE TRANZITIE 3d FERRO SI ANTIFERROMAGNETICE CU Mn PRIN CALCULE AB INITIO	CHEMICAL ORDERING AND TOPOLOGICAL DISORDER IN FERROMAGNETIC AND ANTIFERROMAGNETIC Mn-3D TRANSITION METAL ALLOYS FROM AB INITIO CALCULATIONS	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
321	PN-II-ID-PCE-2011-3-0121	FAUR	Antonio Viorel	University of Oradea	POLITICA MINORITATILOR IN ROMANIA: CAZUL EVREILOR DIN BIHOR (1919-1945)	THE POLITICS OF THE MINORITIES IN ROMANIA: THE CASE OF JEWS IN BIHOR (1919-1945)	SH6	The study of the human past: archaeology, history and memory
322	PN-II-ID-PCE-2011-3-1065	Leca	Victor	National Institute for Research and Development in Microtechnologies		Experimental investigation on the order parameter symmetry of the superconducting Sr1-xLaxCuO2 thin films using SQUIDS	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
323	PN-II-ID-PCE-2011-3-0552	Ivan	Dumitru Mircea	Universitatea Tehnica din Cluj-Napoca	Noi metode exploratorii in Teoria Aproximarii	Exploring New Methods in Approximation Theory	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
324	PN-II-ID-PCE-2011-3-0265	Popescu	Bogdan Alexandru	Universitatea de Medicina si Farmacie "Carol Davila"		Left atrial functional reserve as a predictor of heart failure and atrial fibrillation in different types of left ventricular hypertrophy.	LS4	Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome

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325	PN-II-ID-PCE-2011-3-0546	Banciu	Horia Leonard	Babes-Bolyai University	Diversitatea procariotelor apartinand Domeniului Archaea din lacurile sarate din Depresiunea Transilvaniei (Centrul Romaniei)	Diversity of archaea inhabiting saline lakes from Transylvanian Basin (Central Romania)	LS8	Evolutionary, population and environmental biology: evolution, ecology, animal behaviour, population biology, biodiversity, biogeography, marine biology,eco-toxicology, prokaryotic biology
326	PN-II-ID-PCE-2011-3-0742	Purcarea	Cristina	Institute of Biology Bucharest of Romanian Academy		Biodiversity and chronological distribution of microorganisms in perennial ice deposits from Scarisoara Ice Cave (Romania)	LS8	Evolutionary, population and environmental biology: evolution, ecology, animal behaviour, population biology, biodiversity, biogeography, marine biology,eco-toxicology, prokaryotic biology
327	PN-II-ID-PCE-2011-3-0822	Lupei	Voicu	National Institute of Lasers, Plasma and Radiation Physics	Procese de conversie cuantica a excitatiei in surse fotonice cu prospect pentru producere de energie sustenabila.	Quantum conversion processes of excitation in photon sources of prospect for sustainable energy production	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
328	PN-II-ID-PCE-2011-3-0376	STOIA	Marcela	Universitatea "Politehnica" din Timisoara	Nanomateriale pe baza de oxizi de nichel si zinc pentru senzori.Efectul reducerii marimii particulelor si a dispersiei in matrici asupra proprietatilor	Nanomaterials for sensors, based on Ni and Zn.The effect of particle size reduction and of the dispersion in amorphous matrices on their properties	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
329	PN-II-ID-PCE-2011-3-0219	Muresanu	Dafin Fior	University of Medicine and Pharmacy "Iuliu Hatieganu" Cluj-Napoca	Detectarea precoce a transformarii tulburarii cognitive usoare in dementa: un nou model predictiv multidimensional –DETECT-COG	New approach in detection of mild cognitive impairment conversion to dementia: a multidimensional predictive model –DETECT-COG	LS5	Neurosciences and neural disorders: neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological disorders, psychiatry
330	PN-II-ID-PCE-2011-3-0083	mihalache	dumitru	Institutul National de Cercetare-Dezvoltare pentru Fizica si Inginerie Nucleara Horia Hulubei (IFIN-HH)		Fundamental studies in physics of quantum information and in nonlinear optics of few-cycle solitons	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics

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331	PN-II-ID-PCE-2011-3-0183	BOLBOACA	Sorana-Daniela	UNIVERSITATEA DE MEDICINA SI FARMACIE IULIU HATIEGANU CLUJ-NAPOCA	Evaluarea activității terapeutice a extractelor de plante medicinale în raport cu originea și compoziția acestora	Evaluation of therapeutic activity of medicinal plant extracts in relation with their origin and composition	LS2	Genetics, Genomics, Bioinformatics and Systems Biology: genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics,metabolomics, bioinformatics, computational biology, biostatistics, biologicalmodelling and simulation, system
332	PN-II-ID-PCE-2011-3-0089	Badescu	Viorel	Universitatea Politehnica din Bucuresti	Prognoza pe timp scurt si mediu a functionarii centralelor fotovoltaice	Nowcasting and forecasting of PV power plant operation	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
333	PN-II-ID-PCE-2011-3-0834	Chronis	Themis	Administratia Nationala de Meteorologie		improvement and synergistic assessment of Short-term forecasting and Nowcasting of Severe Weather Events (vreme rea)	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
334	PN-II-ID-PCE-2011-3-0210	Voicu	Bogdan	Romanian Academy of Science, Research Institute for Quality of Life		Social change under the impact of international migration: value patterns, civic and political participation, life satisfaction	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
335	PN-II-ID-PCE-2011-3-0299	Dita	Petre	Horia Hulubei National Institute of Physics and Nuclear Engineering		Unitary Matrices and Their Use in Flavour Physics and Quantum Information Theory	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
336	PN-II-ID-PCE-2011-3-0093	Apostol	Marian	Research and Development National Institute of Physics and Nuclear Engineering - "Horia Hulubei"	Interactia clasica si semi-clasica a materiei cu radiatia electromagnetica	Classical and Semi-Classical Interaction of Matter with the Electromagnetic Field	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics

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337	PN-II-ID-PCE-2011-3-0589	Saftoiu	Adrian	University of Medicine and Pharmacy Craiova		Minimal invasive assessment of angiogenesis in pancreatic cancer based on imaging methods and molecular techniques (Angio-PAC)	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
338	PN-II-ID-PCE-2011-3-0665	Popa	Vlad	Institute for Space Sciences	Particule exotice super-masive in telescoape pentru neutrini	Exotic super-massive particles in Neutrino Telescopes	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
339	PN-II-ID-PCE-2011-3-0505	Rau	Ileana	University POLITEHNICA of Bucharest	Elaborarea si caracterizarea de biopolimeri functionali pentru aplicatii in fotonica si electronica	Elaboration et caracterisation of functional biopolymers for photonic and electronic applications	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
340	PN-II-ID-PCE-2011-3-0207	Grosu	Ion	Babes-Bolyai University	Molecule tehnomimetice interconectate mecanic: design, sinteza si proprietati.	Technomimetic mechanically interlocked molecules: Design, Synthesis and Properties.	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
341	PN-II-ID-PCE-2011-3-0824	mocanu	aurora	Babes-Bolyai University of Cluj-Napoca	COMPOZITE REALIZATE DIN FOSFATI NANOSTRUCTURATI SI DIVERSI BIOPOLIMERI PENTRU APLICATII MEDICALE	COMPOSITES MADE OF NANOSTRUCTURED PHOSPHATES AND VARIOUS BIOPOLYMERS FOR MEDICAL APPLICATIONS Acronym NANOCEL	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
342	PN-II-ID-PCE-2011-3-0317	Ianos	Ioan	University of Bucharest	SCHIMBARI MAJORE IN DINAMICA SPATIALA A STRUCTRILOR DEMOGRAFICE INTRAURBANE ALE ORASELOR ROMANESTI. BUCURESTI CA STUDIU DE CAZ	MAJOR SPATIAL CHANGES OF INTRA-URBAN DEMOGRAPHIC STRUCTURES IN THE TOWNS OF ROMANIA. BUCHAREST, AS CASE STUDY	SH3	Environment and society: environmental studies, demography, social geography, urban and regional studies
343	PN-II-ID-PCE-2011-3-0352	Moagar-Poladian	Gabriel	National Institute for Research and Development in Microtechnology	Cercetare prospectiva referitoare la metode de tip rapid prototyping aplicate pentru realizarea de micro- si nanosisteme	Prospective research regarding rapid prototyping processes for applications in the field of micro- and nanosystems realization	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering

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344	PN-II-ID-PCE-2011-3-0058	Calma	Dragos Gheorghe	Universitatea Babes-Bolyai		DOCTRINES, IDEAS, MANUSCRIPTS. NEW RESEARCH TOOLS FOR THE STUDY OF THE RECEPTION OF LIBER DE CAUSIS IN THE WESTERN MEDIEVAL PHILOSOPHY (XIII-XVth c.)	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
345	PN-II-ID-PCE-2011-3-0025	Bucur	Ioan	Babes-Bolyai University	Regiunea Piatra Craiului-Dambovicioara: o abordare multidisciplinara a unei megasecvente carbonatice regresive	The Piatra Craiului-Dambovicioara area: a multidisciplinary approach on a carbonate regressive megasequence	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
346	PN-II-ID-PCE-2011-3-0162	MELINTE-DOBRINESCU	Melinte-Carmen	National Institute of Marine Geology and Geo-ecology (GEOECOMAR Bucharest)		A multidisciplinary approach of the Early Cretaceous palaeoclimate: evidence from the Romanian Carpathians.	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
347	PN-II-ID-PCE-2011-3-0983	Ban	Ioan Adrian	University of Oradea	Aproximarea numerelor fuzzy, aproximare prin operatori neliniari de tipul max-produs, conexiuni si aplicatii concrete	Approximation of fuzzy numbers, approximation by max-product-type nonlinear operators, connections and concrete applications	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
348	PN-II-ID-PCE-2011-3-0062	Baicus	Anda	Cantacuzino National Institute of Research-Development for Microbiology and Immunology	Detectarea rapida a emergentei tulpinilor noi de enterovirusuri in arii la risc intr-o tara polio free, un instrument in Strategia de Eradicare Polio	The fast detection of the emergence of new enterovirus strains in at risk areas in a "polio free" country, a tool in the Polio Eradication Strategy	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
349	PN-II-ID-PCE-2011-3-0213	Rasvan	Vladimir	University of Craiova	Comanda si reglarea automata a sistemelor descrise de legi de conservare	Automatic Control of the Systems Described by Equations of Conservation Laws.	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering

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350	PN-II-ID-PCE-2011-3-0862	PROFIRE	LENUTA	UNIVERSITY OF MEDICINE AND PHARMACY GRIRORE T POPA IASI	Proiectarea inovatoare si evaluarea biologica a unor noi agenti antidiabetici ca modulatori ai incretinelor	Innovative design and biological evaluation of new antidiabetic agents as incretin modulators	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
351	PN-II-ID-PCE-2011-3-0674	Manda	Gina	Institutul National de Cercetare Dezvoltare in Domeniul Patologiei si Stiintelor Biomedicale Victor Babes	Studii avansate privind retelele functionale asociate monocitelor in artrita reumatoida	Advanced studies on functional networks involving monocytes in rheumatoid arthritis	LS6	Immunity and infection: immunobiology, aetiology of immune disorders, microbiology, virology, parasitology, global and other infectious diseases, population dynamics of infectious diseases, veterinary medicine
352	PN-II-ID-PCE-2011-3-0489	Stan	Violeta Olivia	Universitatea de Vest Timisoara/ Centrul de Cercetare a Interactiunii Copil-Parinte (CICOP)	DE LA STILURILE DE ATASAMENT LA REZILIENTA - LECTII INVATATE DE LA CEI PERFORMANTI	'AGAINST ALL ODDS': From attachment styles to resilience (lessons learned from high achievers)	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
353	PN-II-ID-PCE-2011-3-0707	MAZILU	TRAIAN	University Politehnica of Bucharest	CERCETARI PRIVIND FENOMENUL DE INSTABILITATE A VIBRATIEI UNUI VEHICUL FEROVIAU CAUZAT DE UNDELE DOPPLER ANORMALE EMISE IN CALE	RESEARCHES ON THE INSTABILITY PHENOMENON OF VIBRATION OF A RAILWAY VEHICLE CAUSED BY THE ANOMALOUS DOPPLER WAVES RADIATED IN THE TRACK	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
354	PN-II-ID-PCE-2011-3-0104	Culea	Monica	Universitatea Babes-Bolyai	Metode avansate de investigare metabolomică a unor biomarkeri	Metabolomics advanced methods for biomarkers investigation	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
355	PN-II-ID-PCE-2011-3-0285	POPA	ADRIANA	INSTITUTUL DE CHIMIE TIMISOARA AL ACADEMIEI ROMANE	Polimeri modificați chimic cu grupări pendante amino(hidroxi) fosfinice/fosfonat pentru aplicații la îndepărtarea poluanților din mediu	Chemically modified polymers with amino(hydroxy)phosphonic/phosphonate ligands for applications in removal of pollutants from environment	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
356	PN-II-ID-PCE-2011-3-0800	Ganea	Constanta	Carol Davila University of Medicine and Pharmacy		Study on the molecular and cellular mechanisms of action of EGCG and quercetin as potential chemotherapeutic agents in human leukemia Jurkat T-cells	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction

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357	PN-II-ID-PCE-2011-3-0068	Mirea	Mihail	Horia Hulubei National Institute for Physics and Nuclear Engineering	Regim puternic disipativ in mecanica cuantica a reactiilor nucleare	STRONG DISSIPATIVE REGIME IN THE QUANTUM MECHANICS OF NUCLEAR REACTIONS	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
358	PN-II-ID-PCE-2011-3-0144	EMIL	INDREA	National Institute for Research and Development of Isotopic and Molecular Technologies	Fotocatalizatori avansati pe baza de TiO2 cu aplicatii in conversia energiei solare	Advanced TiO2 based photo catalysts for solar energy conversion applications	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
359	PN-II-ID-PCE-2011-3-0551	Aldica	Gheorghe Virgil	National Institute of Materials Physics		Electro-active Polymers and Polymer Composites for Energy Harvesting	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
360	PN-II-ID-PCE-2011-3-0845	DOBRICA	LILIANA	Universitea Politehnica din Bucuresti	ARHITECTURI SOFTWARE ADAPTABILE SI DE INCREDERE PENTR SISTEME PERVASIVE	DEPENDABLE ADAPTABLE SOFTWARE ARCHITECTURES FOR PERVASIVE SYSTEMS - DASAPES	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
361	PN-II-ID-PCE-2011-3-0292	Mihaela	Racuciu	Lucian Blaga University from Sibiu	Nanofluidice magnetice biocompatibile. Sinteza, caracterizare, aplicatii.	Biocompatible magnetic nanofluids. Synthesis, characterization, applications.	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
362	PN-II-ID-PCE-2011-3-1005	Comisel	Horia	Institute for Space Sciences, Bucharest		Shock acceleration and Associated interstellar phenomena in relation to nucleosynthesis (STARIONS)	PE9	Universe sciences: astrophysics/chemistry/biology; solar system; stellar, galactic and extragalactic astronomy, planetary systems, cosmology; space science, instrumentation
363	PN-II-ID-PCE-2011-3-0019	ANDREI	Neculai	National Institute for Research and Development in Informatics		Theoretical and computational developments on conjugate gradient algorithms for large-scale unconstrained optimization	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics

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364	PN-II-ID-PCE-2011-3-0538	VAN STADEN	JACOBUS	National Institute of Research and Development for Electrochemistry and Condensed Matter (INCDEMC), Timisoara		Hightech-based Micro/Nanostructured Sensors Devices and Micro/Reactors in Real-time for Automated Process Analytical Multianalyte Platform Systems	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
365	PN-II-ID-PCE-2011-3-0141	Usturoi	Marius Giorgi	University of Agricultural Sciences and Veterinary Medicine 'Ion Ionescu de la Brad'	Studiul modificarilor de ordin calitativ la ouale de gaina conservate prin diferite metode, in raport cu durata si parametrii fizici de stocare	Study of quality modifications of hen eggs preserved through different methods, relatedly to storage duration and to the provided physical parameters	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
366	PN-II-ID-PCE-2011-3-0751	Kraft	Luiza	"Carol 1st" National Defense University	Standardizare multilingva pentru interoperabilitate NATO si UE	Multilingual Standardization for NATO and EU Interoperability	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
367	PN-II-ID-PCE-2011-3-0279	Chis	Vasile	Babes-Bolyai University	Noi sisteme moleculare pentru generatia urmatoare de dispozitive OLED	New molecular systems for the next generation of OLED devices	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
368	PN-II-ID-PCE-2011-3-0864	Ciuprina	Florin	University POLITEHNICA of Bucharest	Modele pentru relatiile structura-proprietati in dielectrici polimerici nanostructurati bazate pe spectroscopie dielectrica	Models for the structure-properties relations in nanostructured polymeric dielectrics based on dielectric spectroscopy analysis – MoNaSpec	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
369	PN-II-ID-PCE-2011-3-0202	Bakk	Miklos	UNIVERSITATEA BABES-BOLYAI		The Broadening Discourse of Crisis – Frames and Strategies to Changes. Outlining Crisis Discourse Studies.	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology

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370	PN-II-ID-PCE-2011-3-0173	Cogalniceanu	Dan	University Ovidius Constanta		Is range limited by life history, environmental conditions or biogeographical barriers? A study case using spadefoot toads (genus Pelobates).	LS8	Evolutionary, population and environmental biology: evolution, ecology, animal behaviour, population biology, biodiversity, biogeography, marine biology,eco-toxicology, prokaryotic biology
371	PN-II-ID-PCE-2011-3-0522	Lungu	Petrica Cristian	National Institute for Laser, Plasma and Radiation Physics	Studiul interactiei radiatiei laser de putere giga si tera-watt cu filme din carbon, wolfram si beriliu	Giga and tera-watt laser interaction with carbon, tungsten and beryllium films	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
372	PN-II-ID-PCE-2011-3-0943	lung	rodica ioana	Universitatea Babes-Bolyai		Computational Intelligence in Games. Applications in Economics, Finance and Risk Analysis	SH1	Individuals, institutions and markets: economics, finance and management
373	PN-II-ID-PCE-2011-3-0590	Zavoianu	Rodica	University of Bucharest		Sustainable development step for obtaining ecologic fuels: Converting solid wastes into catalysts and/or adsorbents for removal of sulfur-compounds	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
374	PN-II-ID-PCE-2011-3-0427	Carstoiu	Florin	National Institute for Physics and Nuclear Engineering-Horia Hulubei	MATERIE NUCLEARA EXOTICA IN FAZA EXPLOZIVA A SUPERNOVELOR	EXOTIC NUCLEAR MATTER IN THE EXPLOSIVE STAGE OF SUPERNOVAE	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
375	PN-II-ID-PCE-2011-3-0453	Rezlescu	Nicolae	National Institute of Research and Development for Technical Physics - IFT Iasi	NOI MATERALE OXIDICE NANOSTRUCTURATE, FERITE SI PEROVSKITI, PENTRU COMBUSTIA CATALITICA A UNOR GAZE IN CONCENTRATII REDUSE	NEW NANOSTRUCTURED OXIDES MATERIALS, FERRITES AND PEROVSKITES, FOR THE CATALYTIC COMBUSTION OF SOME GASES IN LOW CONCENTRATIONS	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
376	PN-II-ID-PCE-2011-3-0440	DOROLTI	EUGEN	BABES BOLYAI UNIVERSITYCLUJ-NAPOCA	Controlul Magnetorezistentei Tunel si Colosale prin doparea izolatoarelor feromagnetice de tip Mott	Control of Tunnel and Colossal Magnetoresistances by doping ferromagnetic Mott insulators	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
377	PN-II-ID-PCE-2011-3-0110	Gheorghies	Constantin	Dunarea de Jos University	Nanostructuri cu proprietati fotoluminiscente controlabile. Obtinere, caracterizare si aplicatii.	NANOSTRUCTURES HAVING CONTROLABLE PHOTOLUMINESCENT PROPERTIES. PREPARATION, CHARACTERIZATION AND APPLICATIONS	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry

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378	PN-II-ID-PCE-2011-3-0777	Deac	Iosif-Grigore	Babes-Bolyai University Cluj-Napoca, Romania	Multiferocitatea in oxizi ai metalelor de tranzitie	Multiferroicity in transition metal oxides	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
379	PN-II-ID-PCE-2011-3-0886	Neagu	Monica	Victor Babes National Institute of Pathology	Molecule de imunosemnalizare intra si inter-celulara - biomarkeri pentru diagnosticul, prognosticul si monitorizarea terapiei in melanomul cutanat	Intra and inter-cellular immunosignalling molecules as candidate biomarkers for diagnostic, prognostic and therapy monitoring in cutaneous melanoma	LS6	Immunity and infection: immunobiology, aetiology of immune disorders, microbiology, virology, parasitology, global and other infectious diseases, population dynamics of infectious diseases, veterinary medicine
380	PN-II-ID-PCE-2011-3-0504	Arama	Victoria	Carol Davila University of Medicine and Pharmacy	Evaluarea mecanismelor mitocondriale si endoteliale ale toxicitatii metabolice si riscului cardiovascular la pacientii cu infectie HIV aflati sub ART	Assessment of mitochondrial and endothelial mechanisms of metabolic toxicities and cardiovascular risk, in HIV patients on antiretroviral therapy	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
381	PN-II-ID-PCE-2011-3-0045	Ionescu	Ioan R.	Institute of Mathematics Simion Stoilow, Romanian Academy	Modelarea matematica a rupturii ductile	Mathematical Modeling of Ductile Rupture	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
382	PN-II-ID-PCE-2011-3-0139	calugareanu	grigore	Babes-Bolyai University	Cercetari in teoria modulelor si teoria hipergrupurilor care utilizeaza teoria laticilor respectiv teoria categoriilor	Research in Module Theory and Hypergroup Theory which uses Lattice Theory respectively Category Theory	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
383	PN-II-ID-PCE-2011-3-0230	Giosan	Cezar	Universitatea Babes-Bolyai		"Darwinian Psychotherapy" - A Clinical Trial for an Evolutionary-Driven Type of Intervention for Depression	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
384	PN-II-ID-PCE-2011-3-0960	Anghel	Dragos-Victor	Horia Hulubei National Institute of Physics and Nuclear Engineering		Advanced quantum and statistical methods for mesoscopic systems, with applications in the construction of ultra-sensitive devices	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences

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385	PN-II-ID-PCE-2011-3-0976	Chirica	Ionel	University Dunarea de Jos of Galati	SANDSHIP - METODOLOGII DE EVALUARE A REZISTENTEI PANOURILOR COMPOZITE DE TIP SANDWICH UTILIZATE IN STRUCTURA CORPULUI NAVEI	SANDSHIP - METHODOLOGIES FOR STRENGTH ESTIMATION OF THE COMPOSITE SANDWICH PANELS USED IN SHIP HULL STRUCTURE	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
386	PN-II-ID-PCE-2011-3-0629	Nicolescu	Luminita	Academy of Economic Studies	Influenta efectului tarii de origine asupra invatamantului superior romanesc	The Influence of Country-of-Origin Effect on Romanian Higher Education	SH1	Individuals, institutions and markets: economics, finance and management
387	PN-II-ID-PCE-2011-3-0950	DIMA	Mihaela Alina	Academy of Economic Studies Bucharest	Abordari noi privind modelarea dinamicii cunostintelor si a capitalului uman in vederea cresterii competitivitatii organizatiilor din Romania	Innovative approaches to modeling knowledge dynamics and human capital to enhance competitiveness of Romanian organizations	SH1	Individuals, institutions and markets: economics, finance and management
388	PN-II-ID-PCE-2011-3-1043	Tanase	Cristiana	Victor Babes National Institute of Pathology	Proteomica functionala si de expresie: descifrarea retelelor de semnalizare in cancer	Functional and expression proteomics: deciphering signalling networks in cancer	LS3	Cellular and Developmental Biology: cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals
389	PN-II-ID-PCE-2011-3-0260	Petcu	Dana	West University of Timisoara (Universitatea de Vest din Timisoara)	Management automat in medii de Cloud si Sky computing	Automated Management in Cloud and Sky Computing Environments	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
390	PN-II-ID-PCE-2011-3-0296	Nistor	Vasile Sergiu	National Institute of Materials Physics	ROLUL DEFECTELOR ATOMICE IN DIRIJAREA PROPRIETATILOR DE MATERIAL A SEMICONDUCTORULUI SINTETIC NITRURA DE BOR	THE ROLE OF ATOMIC DEFECTS IN TUNING THE MATERIAL PROPERTIES OF SYNTHETIC BORON NITRIDE SEMICONDUCTOR	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
391	PN-II-ID-PCE-2011-3-0194	Nistor	Leona Cristina	National Institute of Materials Physics	MODULAREA CU DEFECTE DE RETEA A PROPRIETATILOR PUNCTELOR CUANTICE SEMICONDUCTOARE	MODULATING THE PROPERTIES OF SEMICONDUCTING QUANTUM DOTS WITH LATTICE DEFECTS	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences

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392	PN-II-ID-PCE-2011-3-0198	HALANAY	ANDREI	University Politehnica of Bucharest	Studiul calitativ al ecuatiilor diferentiale cu argument deplasat cu aplicatii la modelarea si simularea tratamentului leucemiilor	Qualitative study of differential equations with time lag with applications to modeling and simulation of leukemia treatment	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
393	PN-II-ID-PCE-2011-3-1082	Chilibon	Irinela	National Institute of Research and Development for Optoelectronics	Investigatii complexe asupra imbunatatirii performantelor senzorilor piezoelectrice	Complex investigations on performances improvement of piezoelectric sensors	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
394	PN-II-ID-PCE-2011-3-0148	Boldea	Iulian	Universitatea Petru Maior Targu-Mures	Paradigme ale feminității. Configurări literare românești și context european	Paradigms of Femininity. Romanian Literary Configurations and European Context	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
395	PN-II-ID-PCE-2011-3-0218	Mareci	Daniel	Technical University "Gheorghe Asachi" Iasi		Corrosion predictions of titanium-based biomaterials with non-homogenous micro and nanostructured surfaces using neural networks	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
396	PN-II-ID-PCE-2011-3-0094	Precup	Radu	Babes-Bolyai University of Cluj-Napoca	Metode operatoriale pentru sisteme neliniare si aplicatii	Operator Methods for Nonlinear Systems and Applications	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
397	PN-II-ID-PCE-2011-3-0057	Radoane	Maria	Stefan cel Mare University of Suceava	Reconstituirea modificarilor albiilor de rau din Romania in ultimii 11.700 ani: rolul conditiilor climatice si ale impactului antropoc	Reconstruction of Romanian river channel changes in the last 11,700 years: the role climatical conditions and of human impact	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
398	PN-II-ID-PCE-2011-3-0972	Baran	Virgil	UNIVERSITY OF BUCHAREST	Dinamica colectiva, disipare si fragmentare in sisteme mesoscopice cuantice	Collective dynamics, dissipation and fragmentation in mesoscopic quantum systems	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics

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399	PN-II-ID-PCE-2011-3-0251	Andrei	Tudorel	The Bucharest Academy of Economic Studies	Metode cantitative pentru estimare dimensiunii si efectelor economiei ascunse si coruptiei la nivelul unor tari din estul Europei	Quantitative methods for estimating the size and effects of the hidden economy and corruption at the level of some countries in Eastern Europe	SH1	Individuals, institutions and markets: economics, finance and management
400	PN-II-ID-PCE-2011-3-0111	STOLNICU	SIMONA	UNIVERSITY OF MEDICINE AND PHARMACY TARGU MURES	CERCETARI EXPERIMENTALE PRIVIND DISTRIBUTIA GENOTIPICA SI GEOGRAFICA A HPV PRESCREENING LA PACIENTELE CU CARCINOM CERVICAL SI LEZIUNI PRECURSOARE	EXPERIMENTAL RESEARCH IN PRESCREENING GENOTYPIC AND GEOGRAPHICAL HPV DISTRIBUTION IN PATIENTS WITH CERVICAL CARCINOMA AND PRECURSOR LESIONS	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
401	PN-II-ID-PCE-2011-3-0123	Felician	Rosca	West University of Timisoara	Arhiva sonora a orgilor de patrimoniu din Romania. Evidenta documentelor muzicale de arhiva din domeniul artei organistice.	Audio archive of Romanian heritage pipe organs. Records of archive musical documents belonging to pipe organ art.	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
402	PN-II-ID-PCE-2011-3-0638	Szatmari	Szabolcs	UNIVERSITATEA DE MEDICINA SI FARMACIE TIRGU MURES		Cognitive decline in patients with type 2 diabetes, a translational study: from the molecular background to the patient management	LS5	Neurosciences and neural disorders: neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological disorders, psychiatry
403	PN-II-ID-PCE-2011-3-1010	Ratiu	Dan Eugen	UNIVERSITATEA BABES BOLYAI	Reinnoirea Esteticii: de la arta la viata cotidiana	Renewing Aesthetics: From Art to Everyday Life	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
404	PN-II-ID-PCE-2011-3-0703	cojocar	vlad	Academia Română Filiala Iași	Toponimia Moldovei in perspectiva diacronica	The Toponymy of Moldavia in diachrony	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
405	PN-II-ID-PCE-2011-3-0749	Muresan	Raluca-Anca	Horia Hulubei National Institute for Physics and Nuclear Engineering (IFIN-HH)	Studii ale mecanismelor de producere a flavor-ului in interactia pp	Studies of flavor production mechanisms in the pp interaction	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics

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406	PN-II-ID-PCE-2011-3-0559	MARIA	GAVRILESCU	"Gheorghe Asachi" Technical University of Iasi, Romania	BIOSORBTIA SI BIOACUMULAREA IN BIORMEDIEREA COMPONENTELOR DE MEDIU CONTAMINATE CU POLUANTI PERSISTENTI (BIOSACC)	BIOSORPTION AND BIOACCUMULATION IN THE BIOREMEDIATION OF ENVIRONMENTAL COMPARTMENTS CONTAMINATED WITH PERSISTENT POLLUTANTS (BIOSACC)	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
407	PN-II-ID-PCE-2011-3-0118	Ornea	Liviu	University of Bucharest		Locally conformally Kaehler geometry and related structures	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
408	PN-II-ID-PCE-2011-3-0536	Aurel	PUI	Universitatea "Alexandru Ioan Cuza" din Iasi	Studiul interactiunii unor compusi coordinativi cu ADN-ul	Study of interaction of some coordination compounds with DNA	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction
409	PN-II-ID-PCE-2011-3-0946	Borcia	Catalin-Gabriel	Universitatea "Alexandru Ioan Cuza" din IASI	IMBUNATATIREA PROPRIETATILOR FIZICO-CHIMICE ALE SUPRAFETELOR FIRELOR POLIMERE PRIN TEHNICI CU PLASMA	IMPROVING SURFACE PHYSICO-CHEMICAL PROPERTIES OF POLYMER FIBERS BY PLASMA TECHNIQUES	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
410	PN-II-ID-PCE-2011-3-0953	Surdu-Bob	Carmen Cristina	National Institute for Laser, Plasma and Radiation Physics	Evaluarea unei alternative originale de tratament al osteomielitei folosind un studiu pe animale	Evaluation of an original alternative to treat osteomyelitis using an animal experimental model	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
411	PN-II-ID-PCE-2011-3-0572	Neagu	Adrian	Universitatea de Medicina si Farmacie "Victor Babes" Timisoara	Culturi celulare tridimensionale: noi metode de preparare si investigare	Three-Dimensional Cell Cultures: New Methods of Preparation and Investigation	LS3	Cellular and Developmental Biology: cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals

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412	PN-II-ID-PCE-2011-3-0591	Gafencu	Violeta Anca	Institute of Cellular Biology and Pathology "Nicolae Simionescu"		Apolipoprotein E-based novel anti-atherosclerosis cell-therapy approaches	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
413	PN-II-ID-PCE-2011-3-0347	Muresan	Raul Cristian	Asociația Coneural	Rezonanța de membrană în interneuroni și oscilațiile corticale rapide	Interneuronal membrane resonance and fast cortical oscillations	LS5	Neurosciences and neural disorders: neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological disorders, psychiatry
414	PN-II-ID-PCE-2011-3-0726	ANTOHE	Felicia	Institute of Cellular Biology and Pathology N. Simionescu		Lipid-Raft-Related Proteins and Their Roles in Cardiovascular Disease and Associated Pathologies	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction
415	PN-II-ID-PCE-2011-3-0454	Paun	Cristian	Academy of Economic Studies Bucharest	Convergența nominală și reală a României cu Zona Euro. Perspectivele și provocările României pentru a introduce moneda unică	Romania's Nominal and Real Convergence with Euro Area. Romania's perspectives and challenges to adopt EURO currency	SH1	Individuals, institutions and markets: economics, finance and management
416	PN-II-ID-PCE-2011-3-0060	Parvulescu	Vasile	University of Bucharest	Sinteze catalitice heterogene de derivați aminici prin reacții de hidroaminare și de cuplare N-C	Heterogeneous Catalytic Synthesis of Amine derivatives via Hydroamination and N-C coupling reactions	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
417	PN-II-ID-PCE-2011-3-0208	Gheorghe	Gabriela Silvia	University of Medicine and Pharmacy Carol Davila	Valoarea predictivă a parametrilor noninvasivi ECG de instabilitate electrică pentru apariția aritmiilor în cordul pulmonar cronic	Predictive value of the noninvasive ECG parameters of electrical instability for the occurrence of arrhythmias in chronic cor pulmonale	LS4	Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome

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418	PN-II-ID-PCE-2011-3-0810	Condurache	Daniel	Technical University "Gheorghe Asachi"	Noi solutii in problemele de Mecanica Orbitala, cu aplicatie in Sisteme distribuite de sateliti.	New solutions to problems in Orbital Mechanics, with application to Distributed Spacecraft Systems.	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
419	PN-II-ID-PCE-2011-3-0852	Szakács	Alexandru	Sapientia Hungarian University of Transylvania, Faculty of Science and Arts, Cluj-Napoca		Study of active geodynamic processes at the internal Carpathian bend region through high-precision InSAR data and ground-based geodetic measurements	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
420	PN-II-ID-PCE-2011-3-0269	Coltoiu	Mihnea	Institutul de Matematica "Simion Stoilow" al Academiei Romane		Several Complex Variables	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
421	PN-II-ID-PCE-2011-3-0709	Voiculescu	Mirela	'Dunarea de Jos' University of Galati	Activitatea solara si norii: relatie cauzala sau intamplatoare?	SOLar Activity and Clouds: causal or casual Effect? (SOLACE)	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
422	PN-II-ID-PCE-2011-3-0079	Brujan	Emil-Alexandru	University Politehnica Bucharest	Dinamica bulelor cavitationale generate cu pulsuri de ultrasunete focalizate de mare intensitate	Dynamics of cavitation bubbles generated by microsecond pulses of high-intensity focused ultrasound	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
423	PN-II-ID-PCE-2011-3-0580	Litcanu	Razvan Dinu	Universitatea Alexandru Ioan Cuza Iasi	Structuri hermitice, clase caracteristice asociate și aplicații în geometria aritmetică	Hermitic structures, characteristic classes and applications in arithmetic algebraic geometry	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics

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424	PN-II-ID-PCE-2011-3-0457	Mihai	Carmen-Marina	Universitatea de Medicina si Farmacie Carol Davila Bucuresti	Dezvoltarea si validarea unui scor ecografic pentru evaluarea afectarii musculoscheletale la pacientii cu sclerodermie sistemica	The development and validation of an ultrasonographic score for the assessment of musculoskeletal involvement in systemic sclerosis patients	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
425	PN-II-ID-PCE-2011-3-0344	Berinde	Vasile	North University of Baia Mare / Universitatea de Nord Baia Mare	TEOREME CONSTRUCTIVE DE PUNCT FIX CUPLAT CU APLICATII LA REZOLVAREA ECUATIILOR FUNCTIONALE NELINIARE	CONSTRUCTIVE COUPLED FIXED POINT THEOREMS AND APPLICATIONS TO SOLVING NONLINEAR FUNCTIONAL EQUATIONS	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
426	PN-II-ID-PCE-2011-3-0831	Campos Baltatu	Luciana	Grigore T. Popa University of Medicine and Pharmacy		Molecular Biology and Pathophysiology of Angiotensin II-Induced Non-Dipper Hypertension	LS4	Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome
427	PN-II-ID-PCE-2011-3-0961	Nicoleta-Laura	Stefanescu	SPIRU HARET University	Agenti inteligenti pentru fundamentarea deciziilor pe piețele financiare electronice	INTELLIGENT AGENTS TO SUPPORT DECISIONS ON FINANCIAL ONLINE MARKETS	SH1	Individuals, institutions and markets: economics, finance and management
428	PN-II-ID-PCE-2011-3-0597	Timofte	Vlad	"Simion Stoilow" Institute of Mathematics of the Romanian Academy	Diferentiabilitate si Functii Implicite in Spatii Liniare Topologice si Aplicatii	Differentiation and Implicit Functions in Topological Vector Spaces, and Applications	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
429	PN-II-ID-PCE-2011-3-0698	LAZAROIU	Gheorghe	University POLITEHNICA of Bucharest	Vector energetic inovativ hidrogen-biomasa solida	Innovative energy vector hydrogen-solid biomass	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
430	PN-II-ID-PCE-2011-3-0519	POPOVICI	EVELINE	"Al.I.Cuza" University	NANO-ACOPERIRI OXIDICE FOTOCATALITICE ALE SUBSTRATURILOR FIBROASE MICROSTRUCTURATE.	PHOTOCATALYTIC OXIDIC NANO-COATINGS OF MICROSTRUCTURED FIBROUS SUBSTRATES. Ecoactive nano-functionalized fibrous materials used in advanced treatment	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry

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431	PN-II-ID-PCE-2011-3-0066	Voicescu	Mariana	Romanian Academy, Institute of Physical chemistry "Ilie Murgulescu"		Spectroelectrochemical study for the control of the redox activity of Riboflavin (Vitamin B2) in different biomimetic and nanostructured systems	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction
432	PN-II-ID-PCE-2011-3-0765	Sicora	Cosmin Ionel	Centrul de Cercetari Biologice Jibou	Diversitatea functionala a proteinelor D1 din fotosistemul II la cianobacterii	Functional Diversity of Photosystem II D1 Protein in Cyanobacteria	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction
433	PN-II-ID-PCE-2011-3-0542	Pescar	Virgil	Universitatea Transilvania din Brasov	Noi operatori integrali pe spatii de functii univalente cu aplicatii in mecanica si biomecanica.	New Integral Operators on Univalent Functions Spaces with Applications in Mechanics and Biomechanics	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
434	PN-II-ID-PCE-2011-3-0164	Buruiana	Emil Constantin	Petru Poni Institute of Macromolecular Chemistry	Conceperea si realizarea unor compozite hibride pe baza de noi structuri polimere pentru aplicatii biomedicale si optice in nanotehnologie	Conception and achievement of hybrid nanocomposites based on novel polymer structures for biomedical and optical applications in nanotechnology	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
435	PN-II-ID-PCE-2011-3-0029	Petrescu	Mircea Ionut	University "Politehnica" of Bucharest, Faculty of Materias Science and Engineering	Cercetări multidisciplinare în interfețe nanostructurate din interiorul depunerilor termice pe suport de nichel cu rezistență ridicată la oxidare	Multidisciplinaire researches in nanostructured interfaces inside the thermal deposition on nickel support with high oxidation resistance properties	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
436	PN-II-ID-PCE-2011-3-0405	Busneag	Dumitru	University of Craiova	Algebre Universale in Logica Fuzzy si in Reprezentari de Cunostinte	Universal Algebras in Fuzzy Logic and in Knowledge Representations	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics

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437	PN-II-ID-PCE-2011-3-1029	Pinzaru	Simona	Babes-Bolyai University	Medicamente din extracte naturale cu potential anticancerigen in nanoformulari farmaceutice, monitorizate prin spectroscopie Raman si SERS	Drugs from natural extracts as anticancer nanoformulations monitored by Raman and SERS spectroscopy	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
438	PN-II-ID-PCE-2011-3-0395	Kovacs	Stefan	INSTITUTUL NATIONAL DE CERCETARE-DEZVOLTARE PENTRU PROTECTIA MUNCII "ALEXANDRU DARABONT"	Cercetări privind dezvoltarea de platforme expert multicunoaștere pentru prevenirea riscurilor în IMM-uri	Research regarding the development of multi-knowledge expert platforms for risk prevention in the SME	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
439	PN-II-ID-PCE-2011-3-0511	Raimond	Grimberg	National Institute of Research and Development for Technical Physics	Unde electromagnetice evanescente ghidate in metamateriale plasmonice; aplicatii in dezvoltarea de senzori	Electromagnetic evanescent guided waves in plasmonic metamaterials; applications in sensors development	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
440	PN-II-ID-PCE-2011-3-0881	IONESCU	CORINA	Universitatea Babes-Bolyai	O perspectivă geoștiințifică asupra tehnologiei ceramicii: evoluția din Neolitic până în timpurile Bizantine, pe teritoriul României	Geoscientific view of ceramic technology: evolution from Neolithic to Byzantine times within Romanian territory	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
441	PN-II-ID-PCE-2011-3-0122	Miculescu	Radu	UNIVERSITATEA DIN BUCURESTI		Actual problems in the theory of iterated function systems	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
442	PN-II-ID-PCE-2011-3-0360	Popescu	Florin Dumitru	Universitatea din Bucuresti	Studiu de nanostructuri de ioni paramagnetici prin Rezonanta Electronica Paramagnetica multipla	Study of paramagnetic ions nanostructures by multiple frequency Electron Paramagnetic Resonance	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
443	PN-II-ID-PCE-2011-3-0152	MEDVEDOVICI	ANDREI VALENTIN	University of Bucharest	Injectie de volume mari de solventi nemiscibili cu faza mobila in cromatografia de lichide de inalta presiune	Large volume injection of mobile phase immiscible diluents in HPLC	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics

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444	PN-II-ID-PCE-2011-3-0312	Flonta	Maria-Luisa	University of Bucharest Faculty of Biology	Mecanisme celulare si moleculare ale neuropatiei diabetice: implicatii ale sistemului imun si a agentilor de glicare	Cellular and molecular mechanisms of diabetic neuropathy: involvement of immune system and glycation agents	LS5	Neurosciences and neural disorders: neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological disorders, psychiatry
445	PN-II-ID-PCE-2011-3-1008	SECUIANU	CATINCA	POLITEHNICA UNIVERSITY OF BUCHAREST		Phase behaviour and thermophysical properties of carbon dioxide as a petroleum reservoir fluid	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
446	PN-II-ID-PCE-2011-3-0614	Moldovan	Corina	Universitatea Babes-Bolyai	Aplicatii ale geocriticii in domeniul umanist. Cartografierea reprezentarilor culturale ale Transilvaniei.	Applications of geocriticism in the humanities field. Mapping Transylvania cultural representations.	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
447	PN-II-ID-PCE-2011-3-0861	Gal	Gheorghe Sorin	University of Oradea	Aproximare prin operatori neliniari max-produs si prin metode tip distanta in teoria numerelor fuzzy, aplicate la procesarea semnalului si a imaginii	Approximation by max-product nonlinear operators and by distance methods in the theory of fuzzy numbers, applied to signal and image processing	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
448	PN-II-ID-PCE-2011-3-0744	Țiplic	Ioan Marian	"Lucian Blaga" University of Sibiu	Monumente medievale din sudul Transilvaniei: trecut - prezent - viitor. Între arheologie, istorie și reconstituiri 3D	SOUTH TRANSYLVANIA MEDIEVAL MONUMENTS: PAST – PRESENT – FUTURE. BETWEEN ARCHEOLOGY, HISTORY AND 3D MODELING	SH6	The study of the human past: archaeology, history and memory
449	PN-II-ID-PCE-2011-3-0035	Farcas	Aurica	PETRU PONI INSTITUTE OF MACROMOLECULAR CHEMISTRY	Polirotaxani pe baza de polimeri conjugati cu aplicatii in micro/optoelectronica	Polyrotaxanes based on pi-Conjugated backbone for Micro/Optoelectronic Applications	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry

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450	PN-II-ID-PCE-2011-3-0880	Marghitas	Liviu Alexandru	University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca	Model de Standard Roman pentru polenul de albine (RBPS) - instrument eficient in controlul riscurilor si promovarea produselor apicole sigure	A model for Romanian Bee Pollen Standard (RBPS) - efficient tool in controlling risks and promoting safe bee products	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
451	PN-II-ID-PCE-2011-3-0041	Coman	Simona	University of Bucharest	Organocatalizatori solizi pentru sinteza verde a intermediarilor glicinat chirali	Heterogeneous organocatalysts for the green synthesis of chiral glycinates intermediates	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
452	PN-II-ID-PCE-2011-3-0565	GRIGORIU	Bogdan-Drăgost	Universitatea de Medicina si Farmacie "Gr.T.Popa" Iasi	Dezvoltarea si implementarea unor tehnici de diagnostic mai rapid in tuberculoza	Developing and implementing faster diagnostic techniques for tuberculosis	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
453	PN-II-ID-PCE-2011-3-0835	Nastase	Ilinca	Universitatea Tehnica de Constructii Bucuresti		INtelligent Air Diffusion for healthy environments: advanced strategies and EVALuation methods - INADEVA	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
454	PN-II-ID-PCE-2011-3-0442	Baia	Lucian	Babes-Bolyai University	Designul unor nanoarhitecturi compozite pentru producerea de hidrogen si depoluarea mediului	Designing composite nanoarchitectures for H2 production and environmental depollution	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
455	PN-II-ID-PCE-2011-3-0578	Badescu	Gabriel	Babes-Bolyai University	Incredere generalizata, diversitate culturala si institutii: un studiu longitudinal si experimental	Generalized trust, cultural diversity and institutions: a longitudinal and experimental study	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology

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456	PN-II-ID-PCE-2011-3-0300	Dragan	Ecaterina Stela	Petru Poni Institute of Macromolecular Chemistry	Matrici ionice poroase cu arhitectura si responsivitate predeterminate pentru a gazdui compusi bioactivi	Porous ionic matrices with tailored architectures and responsiveness to host bioactive compounds	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
457	PN-II-ID-PCE-2011-3-1057	Fischer Fodor	Eva	"Prof.Dr. I. Chiricuta" Oncology Institute		Assessment of the platinum-based drugs effects in colorectal carcinoma with emphasize on tumor stem cells functional genomics and immunomodulation	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction
458	PN-II-ID-PCE-2011-3-0130	Buciu	Ioan	University of Oradea		Face Analysis for Recognition with No User Interaction (FARNUI)	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
459	PN-II-ID-PCE-2011-3-1077	Acatrinei	Ciprian Sorin	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU FIZICA SI INGINERIE NUCLEARA HORIA HULUBEI IFIN HH		A NEW DISCRETIZATION SCHEME IN QUANTUM FIELD THEORY AND ITS APPLICATIONS IN NON-PERTURBATIVE STUDIES	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
460	PN-II-ID-PCE-2011-3-0061	Braga	Corin	Babes-Bolyai University	Antiutopiile. A face si a desface realitatea - Testarea lumilor posibile	Anti-utopias. Making and Unmaking the Reality - Assessing Possible Worlds	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
461	PN-II-ID-PCE-2011-3-0631	Nicoară	Toader	Universitatea Babeş-Bolyai Cluj-Napoca	Statul modern și disciplinarea socială (secolele XVIII-XX)	The Modern State and Social Disciplination (XVIIIth-XXth Century)	SH6	The study of the human past: archaeology, history and memory
462	PN-II-ID-PCE-2011-3-0205	ROTARIU	TRAIAN	Babes-Bolyai University	Nasterile non-maritale in Romania -intre modernitate si postmodernitate	Non-marital births in Romania - from pre-modernity to post-modernity	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
463	PN-II-ID-PCE-2011-3-0660	Albu	Lucian-Liviu	Institute for Economic Forecasting	Emergenta Proprietatilor Macroeconomice din Proprietati Microeconomice: o Perspectiva Complexa a Convergentei in UE	Emergence of Macroeconomic Properties from Microeconomic Properties: a Complex Perspective on the Convergence in EU	SH1	Individuals, institutions and markets: economics, finance and management

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464	PN-II-ID-PCE-2011-3-0196	Tura	Vasile	Alexandru Ioan Cuza University of Iasi	Noi materiale nanocompozite avansate de tip metal-polimer	New metal-polymer nanocomposite advanced materials	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
465	PN-II-ID-PCE-2011-3-1063	Stoicea	Gabriel	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU FIZICA SI INGINERIE NUCLEARA "HORIA HULUBEI"	Cautarea de cuarci excitati in ciocnirile pp la energiile LHC	Search for excited quarks in pp collisions at LHC energies	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
466	PN-II-ID-PCE-2011-3-0428	Ciobanu	Marcel	National Institute of Research and Development for Biological Sciences, branch Institute of Biological Research, Cluj Napoca	Evaluarea prioritatilor de conservare a ecosistemelor carpatine prin modelarea relatiilor biodiversitatii si a distributiei potentiale a habitatelor	Assessing conservation priorities in the Carpathians ecosystems by modelling biodiversity relations and potential habitats distribution	LS8	Evolutionary, population and environmental biology: evolution, ecology, animal behaviour, population biology, biodiversity, biogeography, marine biology,eco-toxicology, prokaryotic biology
467	PN-II-ID-PCE-2011-3-1012	Marian	Paulina Elisabeta	University of Bucharest		Quantum correlations in continuous-variable settings	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
468	PN-II-ID-PCE-2011-3-0699	Bucur	Daniel	University of Agricultural Sciences and Veterinary Medicine Iasi	Protectia solului impotriva eroziunii si a degradarii in bazinul raului Bahlui	Soil protection against erosion and degradation in the river basin Bahlui	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
469	PN-II-ID-PCE-2011-3-0918	Constantin	Carolina	Victor Babes National Institute of Pathology	Noi compusi fotosensibilizatori in dermatologie	New photosensitizer-drugs in dermatology	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics

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470	PN-II-ID-PCE-2011-3-0759	Amuzescu	Bogdan	University of Bucharest, Faculty of Biology, Dept. Biophysics & Physiology (DAFAB)	Platformă de electrofiziologie pentru testarea in vitro și in silico a compușilor farmacologici	Electrophysiology platform for in vitro and in silico testing of pharmacological compounds	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
471	PN-II-ID-PCE-2011-3-0380	Hinescu	Mihail	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE IN DOMENIUL PATOLOGIEI SI STIINTELOR BIOMEDICALE VICTOR BABES BUCURESTI		Imaging respiratory connective tissue in search for new players in normal biology and in pathology	LS3	Cellular and Developmental Biology: cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals
472	PN-II-ID-PCE-2011-3-0387	Birzan	Liviu	Centrul de Chimie Organica Costin D Nenitescu al Academiei Romane		New photochromic or electrochromic 1,2-diazulenylethenes with potential applications to molecular switches and optical memories	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
473	PN-II-ID-PCE-2011-3-0375	Rosca	Luminita	University of Bucharest, Faculty of Journalism and Communication Sciences	Mitul informarii corecte: cercetarea practicilor si tehnicilor informarii privind credibilitatea in jurnalismul romanesc	The Myth of the Correct Information: The Research of Information Practices and Techniques Regarding the Credibility in Romanian Journalism	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
474	PN-II-ID-PCE-2011-3-0488	Barabas	Reka	Babes-Bolyai University	Noi aplicatii ale tehnologiei de pulverizare in flacara in fabricarea depunerilor de nano-apatite si caracterizarea chimica/biologica a acestora	Novel applications of flame spraying technology in the fabrication of nano-apatites coatings and their chemical/biological characterization	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
475	PN-II-ID-PCE-2011-3-0304	Lazarescu	Valentina	Romanian Academy - Institute of Physical Chemistry "Ilie Murgulescu"	Control molecular asupra proprietatilor electronice ale suprafetelor monocristaline de GaAs(hkl) prin utilizarea tiolilor biologici	Molecular control over single-crystalline GaAs(hkl) surface electronic properties by using bio-thiols	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
476	PN-II-ID-PCE-2011-3-0206	Alexandru	Marcu	Babes-Bolyai University	Diagnosticarea la distanță a plasmelor spațiale (REDSSPLA)	Remote diagnostics of space plasmas (REDSSPLA)	PE9	Universe sciences: astro-physics/chemistry/biology; solar system; stellar, galactic and extragalactic astronomy, planetary systems, cosmology; space science, instrumentation

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477	PN-II-ID-PCE-2011-3-0339	Taranu	Ionelia	National Research & Development Institute for Biology and Animal Nutrition-IBNA		Studying the toxicity of zearalenone, natural contaminant of pig feed, using new tools of nanotechnology; contribution to public policy on feed safety	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
478	PN-II-ID-PCE-2011-3-1081	Titus	Vlase	Universitatea de Vest Timisoara	Materiale polimerice din surse regenerabile, obtinute prin modificari induse termic	Polymeric materials from renewable sources obtained by thermally induced modifications	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
479	PN-II-ID-PCE-2011-3-1021	Procopciuc	Lucia Maria	University of Medicine and Pharmacy "Iuliu Hatieganu"	Factori de risc genetici in asociere cu markerii aterosclerozei subclinice- instrumente de diagnostic, prognostic si tratament in sindromul metabolic	Genetic risk factors in relation to markers of subclinical atherosclerosis as diagnostic, prognostic and therapeutic tools in metabolic syndrome	LS2	Genetics, Genomics, Bioinformatics and Systems Biology: genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics, metabolomics, bioinformatics, computational biology, biostatistics, biological modelling and simulation, system
480	PN-II-ID-PCE-2011-3-0345	Stefanescu	Mircea	Universitatea Politehnica din Timisoara	Dezvoltarea de oxizi de fier nanostructurati cu proprietati tinta pentru aplicatii tehnologice si biomedicale	Development of nanostructured iron oxides with targeted properties for technological and biomedical applications	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
481	PN-II-ID-PCE-2011-3-0752	Rusu	Corneliu	UNIVERSITATEA TEHNICA DIN CLUJ-NAPOCA	Detectia intrusilor din arii salbatice protejate	Wildlife Protected Areas Intruder Detection	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
482	PN-II-ID-PCE-2011-3-0189	Lungu Badea	Georgiana	West University of Timisoara	Contributia traducerilor romanesti (secolele XVIII-XIX) din germana si engleza la dezvoltarea limbii si culturii romane	The Contribution of the Romanian Translations (18th to 19th century) from German and English to the Development of the Romanian Language and Culture	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education

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483	PN-II-ID-PCE-2011-3-0092	Delion	Doru-Sabin	Institutul National de Cercetare Dezvoltare pentru Fizica si Inginerie Nucleara Horia Hulubei	Corelatii de N-corpuri in sisteme nucleare exotice	N-body correlations in exotic nuclear systems	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
484	PN-II-ID-PCE-2011-3-0134	POPESCU	Laurentiu Mircea	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE IN DOMENIUL PATOLOGIEI SI STIINTELOR BIOMEDICALE "VICTOR BABES" BUCURESTI	TELOCITELE IN REGENERAREA CARDIACA	TELOCYTES IN HEART RENEWAL	LS3	Cellular and Developmental Biology: cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals
485	PN-II-ID-PCE-2011-3-0075	Ignat	Ioan Liviu	INSTITUTUL DE MATEMATICA SIMION STOILOW	Analiza, Control si Aproximare Numerica pentru Ecuatii cu Derivate Partiale	Analysis, Control and Numerical Approximations of Partial Differential Equations	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
486	PN-II-ID-PCE-2011-3-0105	Balan	Corneliu	Universitatea Politehnica Bucuresti	Caracterizarea reologica si modelarea fluidelor complexe (suspensii concentrate si paste) in vecinatatea suprafetelor solide si a interfetelor.	Rheological characterization and modeling of complex fluids (concentrate suspensions and pastes) in the vicinity of solid surfaces and interfaces.	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
487	PN-II-ID-PCE-2011-3-0458	Ungureanu	Viorica-Mariela	Universitatea Constantin Brancusi	ECUATII RICCATI GENERALIZATE SI APLICATIILE LOR IN CONTROLUL STOCASTIC	GENERALIZED RICCATI EQUATIONS AND THEIR APPLICATIONS TO STOCHASTIC CONTROL	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
488	PN-II-ID-PCE-2011-3-0215	Constantinescu	Radu Dan	UNIVERSITY OF CRAIOVA	MODELE TEORETICE NOI PENTRU ACTIVITATEA NEURONALA	NEW THEORETICAL MODELS FOR THE NEURAL ACTIVITY	LS3	Cellular and Developmental Biology: cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals
489	PN-II-ID-PCE-2011-3-0503	Pinteala	Mariana	Petru Poni Institute of Macromolecular Chemistry	Nanobioconjugate cu nucleu de fullerena C60 pentru terapie genetica: vectori ideali pentru transport de gene	Nanobioconjugates with C60 - fullerene Core for Gene Therapy: Towards the Ideal Vectors for Gene Delivery	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics

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490	PN-II-ID-PCE-2011-3-0688	Ipate	Florentin	Universitatea din Pitesti		MuVet (Multi-scale modelling Verification and Testing)	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
491	PN-II-ID-PCE-2011-3-0226	Dinica	Rodica Mihaela	Universitatea Dunarea de Jos	ACCESUL LA NOI MOLECULE BIOACTIVE PRIN DEZVOLTAREA UNOR BIOCATALIZATORI ORIGINALI PENTRU REACTII TIP CLIK-CHEMISTRY	ACCESS TO NEW BIOACTIVE MOLECULES BY DEVELOPMENT OF ORIGINAL BIOCATALYSTS FOR REACTIONS TYPE CLICK-CHEMISTRY	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
492	PN-II-ID-PCE-2011-3-0478	Tomescu	Emilia-Domnița	Universitatea Petrol-Gaze din Ploiești	ONOMASTICA LITERARĂ ROMÂNEASCĂ: DENOMINAȚIE, IDENTITATE ȘI INTERCULTURALITATE	ROMANIAN LITERARY ONOMASTICS: NAMING, IDENTITY AND INTERCULTURALITY	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
493	PN-II-ID-PCE-2011-3-0985	Voiculescu	Sorina	Universitatea de Vest Timisoara	Geografiile genizate ale securitatii urbane	Geographies of gendered urban safety	SH3	Environment and society: environmental studies, demography, social geography, urban and regional studies
494	PN-II-ID-PCE-2011-3-0708	Popa	Marcel	Gheorghe Asachi Technical University of Iasi	Nanocompozite electroluminiscente inovative pentru o noua abordare in domeniul dispozitivelor optoelectronice de tip PLED	Innovative electroluminescent nanocomposites for a new approach in polymer based light emitting devices	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
495	PN-II-ID-PCE-2011-3-0124	MARGARITESCU	CLAUDIU	University of Medicine and Pharmacy of Craiova		Identification and molecular profiling of oral cancer stem cells targeting oral cancer therapies through chemical, genetic and cellular support	LS3	Cellular and Developmental Biology: cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals
496	PN-II-ID-PCE-2011-3-0561	Osiac	Eugen	University of Medicine and Pharmacy of Craiova		Integrated spectral-fluorescent lifetime measurement method for advanced imaging and detection of gastric cancer (InSpecTime)	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics

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497	PN-II-ID-PCE-2011-3-0316	ANITA	Sebastian	Alexandru Ioan Cuza University of Iasi	Analiza si controlul sistemelor de reactie-difuzie. Aplicatii in stiintele vietii si economie	Analysis and Control of Reaction-Diffusion Systems. Applications in Life Sciences and Economics	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
498	PN-II-ID-PCE-2011-3-0100	Balintoni	Ioan	Babes-Bolyai University		Isotopic constraints for identification and correlation of the pre-Alpine Carpathian-Balkan terranes-Zircon U/Pb, Lu/Hf, and whole rock Sm/Nd methods	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
499	PN-II-ID-PCE-2011-3-0661	Tanasescu	Ion	Societatea Română de Fenomenologie	Psihologia brentaniana si problema intentionalitatii actelor sensibile	Brentano`s Psychology and the Problem of Intentionality of Sensuous Acts	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
500	PN-II-ID-PCE-2011-3-0307	Curteanu	Silvia	Universitatea Tehnica Gheorghe Asachi din Iasi	Modelarea si optimizarea proceselor chimice complexe folosind tehnici neuro-evolutive	Modeling and optimization of complex chemical processes using neuro-evolutionary techniques	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
501	PN-II-ID-PCE-2011-3-0745	Mitoseriu	Liliana	Alexandru Ioan Cuza University	Design de material, preparare, proprietati si model de structuri multifunctionale oxidice pentru microelectronica si noi aplicatii in stocare de energii	Material design, preparation, properties and modeling of multifunctional oxides structures for microelectronics and new energy storage applications	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
502	PN-II-ID-PCE-2011-3-0817	Lungu	Radu Paul	University of Bucharest	Tranzitii de faza intr-un model molecular ternar cu interactii tri-particula si legaturi dependente de orientare pe retele Bethe si fagure	Phase transitions in a ternary molecular model with three-body interactions and orientationally bonding on the Bethe and honeycomb lattices	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
503	PN-II-ID-PCE-2011-3-0290	Chiper	Doru Florin	Tehnică University "Gh.Asachi" Iasi	„O noua abordare in proiectarea algoritmilor si arhitecturilor VLSI pentru functii multimedia de baza”	„A New Approach in Designing VLSI Algorithms and Architectures for Key Multimedia Functions”	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering

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504	PN-II-ID-PCE-2011-3-0999	Viola	Jean-Michel	The Technical University "Gheorghe Asachi" of Iasi, Romania		Knowledge communities, technological integration and entrepreneurial development in Central and Eastern Europe	SH1	Individuals, institutions and markets: economics, finance and management
505	PN-II-ID-PCE-2011-3-0684	Stanculescu	Anca	National Institute of Materials Physics	Noi structuri de tranzistor cu efect de camp organic cu strat izolator din baze ale acizilor nucleici pentru senzori	NEW ORGANIC FIELD EFFECT TRANSISTOR STRUCTURES WITH NUCLEOBASES INSULATING LAYER FOR FUTURE SENSING APPLICATIONS	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
506	PN-II-ID-PCE-2011-3-0426	Isvoran	Adriana	West University of Timisoara	Caracterizarea bioinformatica a retelei interactiunilor caveolinei 1	Bioinformatics characterization of caveolin 1 interactions network	LS2	Genetics, Genomics, Bioinformatics and Systems Biology: genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics, metabolomics, bioinformatics, computational biology, biostatistics, biological modelling and simulation, system
507	PN-II-ID-PCE-2011-3-0135	Morari	Cristian	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU TEHNOLOGII IZOTOPICE SI MOLECULARE CLUJ-NAPOCA	PROPRIETATI ELECTRONICE SI TRANSPORT ELECTRONIC IN DEZOXIRIBONUCLEOTIDE CU APLICATII IN SECVENTAREA ADN	ELECTRONIC AND TRANSPORT PROPERTIES OF DNA NUCLEOTIDES WITH APPLICATION IN DNA SEQUENCING	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
508	PN-II-ID-PCE-2011-3-0694	SUSAN-RESIGA	Romeo Florin	UNIVERSITATEA "POLITEHNICA" DIN TIMISOARA		New Methods for Mitigating the Vortex Breakdown in Turbomachinery Decelerated Swirling Flows	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
509	PN-II-ID-PCE-2011-3-0358	Cimpoiasu	Vily Marius	Universitatea din Craiova	Decoerenta cuplajelor nucleare de spin 1H1H in 3s izomerii nicleari de spin. Efecte chimice asupra hidratii solutiilor R-NH2 cu H217O	De-coherence of 1H1H Nuclear Spin Coupling in 3s-Nuclear Spin Isomers. Chemical Effects on the Hydration of R-NH2 Solutes with H217O	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction

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510	PN-II-ID-PCE-2011-3-0340	Ghimici	Luminita	Petru Poni Institute of Macromolecular Chemistry		IONIC POLYMERS BASED ON POLYSACCHARIDES: CORRELATIONS BETWEEN STRUCTURE, PHYSICO-CHEMICAL PROPERTIES AND INTERACTION WITH OPPOSITELY CHARGED PARTICLE	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
511	PN-II-ID-PCE-2011-3-0161	Filip	Ilie	Politechnic University of Bucharest	METODE DE CERCETARE LA SCARA NANO A STRATURILOR PERFORMANTE TRIBOLOGIC OBTINUTE PE CALE MECANICO-FIZICO-CHIMICA IN CUUPLELE DE FRECARA ALE SIST. MEC.	RESEARCH METHODS AT NANOSCALE OF LAYERS PERFORMANCE TRIBOLOGY OBTAINED BY WAYS MECHANICO-PHYSICO-CHEMICAL IN FRICTION COUPLES OF MECHANICAL SYSTEMS	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
512	PN-II-ID-PCE-2011-3-0101	Sarbu	Andrei	National Research-Development Institute for Chemistry and Petrochemistry- ICECHIM Bucharest		POLYSACCHARIDES DEPOLYMERIZATION USING ENZYMES COVALENTLY IMMOBILIZED ON ULTRA FILTRATING MEMBRANES	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
513	PN-II-ID-PCE-2011-3-1069	Budisteanu	Magdalena	"Victor Babes" National Institute of Pathology	Abordarea integrata prin studii clinice, genetice si imunologice a tulburarilor din spectru autist	Integrative approach by clinical, genetical, and imunological studies of autistic spectrum disorders	LS5	Neurosciences and neural disorders: neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological disorders, psychiatry
514	PN-II-ID-PCE-2011-3-0445	marian	carmen mihaela	"Moldova" National Museum Complex in Iasi Romania	Reconstituirea tehnologiilor textile preistorice prin cercetarea amprentelor de textile păstrate pe artefacte din Europa de sud-est	Reconstruction of Prehistoric Textile Technologies through the Research of Textile Impressions Preserved on Artifacts of Southeastern Europe	SH6	The study of the human past: archaeology, history and memory

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515	PN-II-ID-PCE-2011-3-0052	Vrabie	Ioan	Universitatea "Alexandru Ioan Cuza" din Iasi	Incluziuni funcțional-diferențiale cu întârziere în spații Banach	Retarded Functional Differential Inclusions in Banach Spaces	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
516	PN-II-ID-PCE-2011-3-0137	Carstea	Adrian Stefan	Horia Hulubei National Institute of Physics and Nuclear Engineering	Singularitati si Integrabilitate in sisteme dinamice discrete si ultradiscrete	Singularities and Integrability of discrete and ultradiscrete dynamical systems	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
517	PN-II-ID-PCE-2011-3-0195	Radulescu	Vicentiu	University of Craiova	Analiza calitativa si numerica a problemelor neliniare pe fractali	Qualitative and numerical analysis of nonlinear problems on fractals	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
518	PN-II-ID-PCE-2011-3-0566	Nistor	Magdalena	National Institute for Lasers, Plasmas and Radiation Physics	Filme subtiri de oxid de zinc multifunctionale	Multifunctional zinc oxide thin films	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
519	PN-II-ID-PCE-2011-3-0543	Roth-Szamoskozi	Maria	UNIVERSITATEA BABES BOLYAI		Outcomes of adolescence. A longitudinal perspective on the effect of social context on successful life transitions	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
520	PN-II-ID-PCE-2011-3-0883	Popa Simil	Liviu	National Institute for Research and Development in Electrical Engineering	Studii experimentale referitoare la posibilitatea realizarii unor dispozitive de conversie directa a radiatiilor ionizante in energie electrica.	Experimental studies concerning the realization possibilities of direct energy conversion devices of ionizing radiation into electrical energy.	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
521	PN-II-ID-PCE-2011-3-0980	Chicinas	Ionel	Technical University of Cluj Napoca	Materiale magnetice moi nanocristaline/nanostructurate obtinute prin mecanosinteza si sinterizare in plasma	Soft magnetic nanocrystalline/nanostructured powders and compacts obtained by mechanosynthesis and spark plasma sintering	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry

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522	PN-II-ID-PCE-2011-3-0479	Alexandrescu	Rodica	National Institute for Lasers, Plasma and Radiation Physics	Noi abordari privind materialele nanometrice multifunctionale, pentru a reduce produsele toxice si bacteriile si a gestiona mai eficient resursele	Novel approach to nanoscale, multi-functional materials, to reduce toxics and bacteria and to manage resources more efficiently. Acronym: MULTINANEF	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
523	PN-II-ID-PCE-2011-3-0046	Maniu	Horia	Institute of Cellular Biology and Pathology "Nicolae Simionescu"	Mecanisme epigenetice implicate in diferentierea si migrarea celulelor progenitoare endoteliale: un model nou in terapia celulara vasculara	Epigenetic mechanisms involved in differentiation and migration of endothelial progenitor cells: new tool for vascular cell therapy	LS3	Cellular and Developmental Biology: cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals
524	PN-II-ID-PCE-2011-3-0586	Rakosy	Elena	University "Babes-Bolyai" Faculty of Biology and Geology Plant Genetic Engineering Group	Aplicarea unor metode biotehnologice complexe pentru introgresia genelor multiple ce conferă rezistență la stres în genofondul cartofului cultivat	The application of complex biotechnological tools for efficient introgression of multiple resistance traits into potato crop gene pool	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
525	PN-II-ID-PCE-2011-3-0923	Cornei	Nicoleta	"Alexandru Ioan Cuza" University of Iasi	Influenta cationului dopant asupra structurii, proprietatilor de transport și catalitice pentru noi perovskiti de tipul manganito-cobaltitilor	Influence of the dopant cation on the structure, transport and catalytic properties of new manganito-cobaltites compounds	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
526	PN-II-ID-PCE-2011-3-0876	Pana	Ioan - Ovidiu	National Institute of Research and Development for Isotopic and Molecular Technologies, Cluj-Napoca	Nanoparticule compozite core-shell bazate pe Fe si Pt avand proprietati magnetice, dispersive si functionale	Core-shell composite nanoparticles based on Fe and Pt having adjustable magnetic, dispersive and functional properties	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
527	PN-II-ID-PCE-2011-3-0575	Paun	Paul Andrei	INSTITUTUL NATIONAL DE CERCETARE-DEZVOLTARE PENTRU STIINTE BIOLOGICE	CBC: Calculabilitate Bazata pe Celulele Creierului	CBC: Computing with Brain Cells	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems

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528	PN-II-ID-PCE-2011-3-0330	Bizdadea	Constantin	University of Craiova	Interactii materie-vectori, cuplaje generalizate si coomologii	Matter-vectors interactions, generalized couplings and cohomologies	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
529	PN-II-ID-PCE-2011-3-0277	Adamut	Anton	"Al. I. Cuza" University of Iasi	Tradiții religioase și postsecularizarea spațiului public. Cazul românesc în context european	Religious traditions and the post-secularization of public space. The Romanian case in European context	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
530	PN-II-ID-PCE-2011-3-0324	Niculescu	Loredan Stefan	Institute of Cellular Biology and Pathology "Nicolae Simionescu"		Molecular strategies to monitor the effect of hyperglycemia and/or modified lipoproteins on fatty acid binding protein expression in human macrophage	LS4	Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome
531	PN-II-ID-PCE-2011-3-0701	Ioan	Gilca	Ion Ionescu de la Brad University of Agricultural Sciences and Veterinary Medicine	Cercetari privind designul și optimizarea tehnologiilor ecologice de producție în fermele de taurine, în contextul dezvoltării durabile	Researches on designing and optimizing ecological production technologies in cattle farms, in the sustainable development context	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
532	PN-II-ID-PCE-2011-3-0305	Grăf	Rudolf	Universitatea Babeș-Bolyai Cluj Napoca	Economie regională și dezvoltare comunitară în Transilvania, Banatul Montan și Bucovina în secolul al XIX-lea (1800-1914)	Regional Economy and Community Development in Transylvania, Highland Banat and Bucovina in the 19th Century (1800-1914)	SH6	The study of the human past: archaeology, history and memory
533	PN-II-ID-PCE-2011-3-1055	Liviu Petrisor	Dinu	Universitatea din Bucuresti	Sistem de traducere automată din română veche în română modernă	Automatic translation system from old Romanian to modern Romanian	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education

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534	PN-II-ID-PCE-2011-3-0465	HUMELNICU	DOINA	Alexandru Ioan Cuza University of Iasi	Micoremedierea unor soluri contaminate cu metale grele si radioactive	Mycoremediation of some soils contaminated with heavy and radioactive metals	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
535	PN-II-ID-PCE-2011-3-0526	Mihai	Ion	Universitatea din Bucuresti	Geometria Subvarietatilor in Varietati Complexe si de Contact	Geometry of Submanifolds in Complex and Contact Manifolds	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
536	PN-II-ID-PCE-2011-3-0422	POPESCU	Mihai Emilian	Institutul de Statistica Matematica si Matematica Aplicata Gheorghe Mihoc - Caius Iacob	Stabilizarea sistemelor controlate, energia minima pentru semigrupuri stabile, sisteme nul si exact controlabile cu energie zero in timp infinit	Controlled systems stabilization, minimum energy for stable semigroups, null and exact controllable systems with zero energy at infinite time	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
537	PN-II-ID-PCE-2011-3-0789	Vizman	Daniel	West University of Timisoara	Controlul curgerii topitului intr-o configuratie de solidificare directionala folosind un camp electromagnetic	Control of melt flow in a directional solidification configuration using an electromagnetic field	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
538	PN-II-ID-PCE-2011-3-0261	Osiac	Mariana	UNIVERSITATEA din CRAIOVA		Study of plasma plume dynamics, laser desorption mechanism and crystallization properties of doped GeSb2Te4 obtained by pulsed laser deposition	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
539	PN-II-ID-PCE-2011-3-0973	Ursu	Ioan	Institutul National de Cercetare-Dezvoltare Aerospatalia "Elie Carafoli"-INCAS Bucuresti		Dealing with uncertainties: model evaluation, robust analysis and control of aerospace structures	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
540	PN-II-ID-PCE-2011-3-0806	HARPA	RODICA	The Gheorghe Asachi Technical University of Iasi	Cercetari exploratorii pentru predictia performantei firelor la producerea tesaturilor, prin modelarea cu retele neuronale artificiale	Exploratory research for yarns performance prediction in fabrics manufacturing, through artificial neural network modeling	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering

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541	PN-II-ID-PCE-2011-3-1022	Popa	Mihaela	NATIONAL INSTITUTE FOR EARTH PHYSICS	Monitorizarea incrucisata a perturbațiilor ionosferice, detectate ca anomalii de propagare a undelor electromagnetice VLF/LF, in corelatie cu seismele	Cross monitoring studies on ionospheric perturbations, detected as propagation anomalies of VLF/LF electromagnetic waves, correlated with seismicity	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
542	PN-II-ID-PCE-2011-3-0574	Paun	Mihaela	INSTITULUL NATIONAL DE CERCETARE-DEZVOLTARE PENTRU STIINTE BIOLOGICE	CAESAR - Combinand si Aplicand Econometrie si Analiza Statistica in Reliabilitate	CAESAR --- Combining and Applying Econometrics and Statistics Analysis in Reliability	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
543	PN-II-ID-PCE-2011-3-0931	COSTACHIE	SILVIU	University of Bucharest	Noi provocari si oportunitati in secolul 21: imigrarea rromilor (tiganilor) din Europa de Est catre Occident. Studiu de caz: Romania	New Challenges and Opportunities for the 21st Century: Eastern-European Roma (Gypsies) Immigration towards the West. Case study: Romania	SH3	Environment and society: environmental studies, demography, social geography, urban and regional studies
544	PN-II-ID-PCE-2011-3-0354	Vincze	Eniko	Babes-Bolyai University	Spatializarea si rasializarea excluziunii sociale. Constituirea sociala si culturala a "ghetourilor tiganesti" in Romania intr-un context European.	The spatialization and racialization of social exclusion. The social and cultural formation of "Gypsy ghettos" in Romania in a European context.	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
545	PN-II-ID-PCE-2011-3-0224	Dragoman	Daniela	Universitatea din Bucuresti		Analogies between electron transport in nanostructures and light propagation	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
546	PN-II-ID-PCE-2011-3-0593	Tudor	Maria	Academy of Economic Studies in Bucharest		MODELING AND ANALYZING EMPIRIC NON-NORMAL DISTRIBUTIONS WITH NEW PROBABILISTIC METHODS. ENHANCING PORTFOLIO PERFORMANCE AND IMPROVING RISK MANAGEMENT	SH1	Individuals, institutions and markets: economics, finance and management

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547	PN-II-ID-PCE-2011-3-0628	Murariu	Manuela	Petru Poni Institute of Macromolecular Chemistry	Modificari conformationale ale peptidelor implicate in patologiile neurodegenerative sub actiunea metalelor si variatiilor de pH	Metal- and pH-induced conformational changes of peptides associated with neurodegenerative pathologies	LS5	Neurosciences and neural disorders: neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological disorders, psychiatry
548	PN-II-ID-PCE-2011-3-0912	Drochioiu	Gabi	Alexandru Ioan Cuza University	Cianurile: calea spre viata, din imperiul mortii	Cyanide: From Death to Life (acronym DeLiCyan)	LS8	Evolutionary, population and environmental biology: evolution, ecology, animal behaviour, population biology, biodiversity, biogeography, marine biology,eco-toxicology, prokaryotic biology
549	PN-II-ID-PCE-2011-3-0969	Feleaga	Niculae	Academy of Economic Studies	Repere geografice in cercetarea contabila internationala - teme si metodologii intr-un context global	The Geography of Accounting Research - Thematic and Methodological Trends in a Globalized Context	SH1	Individuals, institutions and markets: economics, finance and management
550	PN-II-ID-PCE-2011-3-0847	Moldovan	Mihai	Universitatea de Medicina si Farmacie Carol Davila	Cuantificarea reactivitatii EEG de tip "burst-suppression" la stimuli externi: un nou instrument pentru monitorizarea creierului comatos	Quantifying the reactivity of burst-suppression EEG to external stimuli: a novel tool for monitoring the comatose brain	LS5	Neurosciences and neural disorders: neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological disorders, psychiatry
551	PN-II-ID-PCE-2011-3-0677	Strimbu	Bogdan	Forest Research and Management Institute	Analize biometrice a dinamicii arboretelor amestecate echine	Biometric investigations of the dynamics of even-aged mixed-species stands	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering,synthetic biology, industrial biosciences; environmental biotechnology and remediation

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552	PN-II-ID-PCE-2011-3-0429	Ionescu-Tirgoviste	Constantin	National Intitute of Diabetes, Nutrition and Metabolic Diseases "Prof.Dr. N. C. Paulescu"		The adipose tissue at the pathogenetic crossroad of diabetes and vascular disease	LS4	Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis,cardiovascular disease, metabolic syndrome
553	PN-II-ID-PCE-2011-3-0610	Sergiu	Musteata	Academia Romana, Filiala Iasi	Tendințe curente în protecția patrimoniului arheologic: perspective naționale și internaționale	Current trends in the archaeological heritage preservation: the national and the international perspectives	SH6	The study of the human past: archaeology, history and memory
554	PN-II-ID-PCE-2011-3-0753	Ciuleanu	Tudor Eliade	Institutul Oncologic „Prof. Dr. I. Chiricuță”	Detecția precoce a recăderilor post-terapeutice în adenocarcinomul colorectal, prin urmărirea unor parametri tumorali și imunologici sanguini	Early detection of post-therapeutic relapses of colorectal adenocarcinoma by tumoral and immunological markers follow-up in peripheral blood	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine,regenerative medicine, medical ethics
555	PN-II-ID-PCE-2011-3-0829	Imre	Silvia	University of Medicine and Pharmacy from Targu-Mures	Transferul medicamentelor in lapte - studiu experimental, implicatii clinice si conditii de siguranta alimentara	Drug transfer into breast milk – experimental study, clinical issues and food safety conditions	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine,regenerative medicine, medical ethics
556	PN-II-ID-PCE-2011-3-0885	Monah	Dan	ACADEMIA ROMANA - FILIALA IASI - AR-FI	Religie și artă în civilizația Cucuteni-Tripolie (mileniile V-IV CAL B.C.)	Religion and Art in the Cucuteni – Tripolye Civilization (V-IV Millennia CAL B.C.)	SH6	The study of the human past: archaeology, history and memory
557	PN-II-ID-PCE-2011-3-0383	Leustean	Laurentiu	Institute of Mathematics "Simion Stoilow" of the Romanian Academy		Proof mining in metric anaysis, geometric group theory and ergodic theory	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
558	PN-II-ID-PCE-2011-3-0940	ANDRONESCU	Ecaterina	Politehnica University of Bucharest	Materiale inteligente pe baza de magnetita destinate pentru eliberare controlata	Magnetite based smart materials designed for controlled delivery	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry

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559	PN-II-ID-PCE-2011-3-1070	Baia	Monica-Maria	Babes-Bolyai University	Materiale nanostructurate cu porozitate ridicata pe baza de TiO2-Ag cu aplicatii multifunctionale controlabile	Highly porous TiO2-Ag based nanostructures for controllable multifunctional applications	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
560	PN-II-ID-PCE-2011-3-0507	SOCACIU	Carmen	University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca	INVESTIGATII METABOLOMICE AVANSATE IN RELATIE CU BIODIVERSITATEA RESURSELOR NATURALE, CALITATE ALIMENTARA SI SANATATE	ADVANCED METABOLOMIC INVESTIGATIONS RELATED TO NATURAL RESOURCE BIODIVERSITY, FOOD QUALITY AND HEALTH	LS2	Genetics, Genomics, Bioinformatics and Systems Biology: genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics,metabolomics, bioinformatics, computational biology, biostatistics, biologicalmodelling and simulation, system
561	PN-II-ID-PCE-2011-3-0171	BALINT	MARIA-AGNETA	West University of Timisoara	ANALIZA UNOR PROBLEME DE FIZICA MATEMATICA PRIVIND ATENUAREA ZGOMOTULUI INTR-UN TUB CAPTUSIT ACUSTIC, PRIN CARE CURGE UN GAZ	ANALYSIS OF SOME MATHEMATICAL PHYSICS PROBLEMS OCCURRING IN THE SOUND ATTENUATION IN AN ACOUSTICALLY LINED DUCT CARRYING A GAS FLOW	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
562	PN-II-ID-PCE-2011-3-0998	Alexandrescu	Vlad	Fundatia Noua Europa	MODELE DE PRODUCERE SI DISEMINARE A CUNOASTERII IN MODERNITATEA EUROPEANA: CADRUL CONCEPTUAL CARTEZIAN	MODELS OF PRODUCING AND DISSEMINATING KNOWLEDGE IN EARLY MODERN EUROPE: THE CARTESIAN FRAMEWORK	SH6	The study of the human past: archaeology, history and memory
563	PN-II-ID-PCE-2011-3-0625	CATANA	DOINA	UNIVERSITATEA TEHNICA DIN CLUJ-NAPOCA	Perspectiva studentilor romani asupra culturii si leadershipului: Incotro se indreapta generatia viitoare de manageri si lideri?	Romanian students' perspective on culture and leadership: Quo vadis the next generation of business managers and leaders?	SH1	Individuals, institutions and markets: economics, finance and management
564	PN-II-ID-PCE-2011-3-0873	CIUGUREANU	CARMEN-ADINA	Universitatea Ovidius Constanta	Reconsiderari ale sinelui si constructii ale celuiilalt in presa britanica,americana si romaneasca in perioada 1850-1930	Reconsidering Selves and Constitutive Others in the British, American and Romanian Press (1850-1930)	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies

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565	PN-II-ID-PCE-2011-3-0147	MARDARE	DIANA MIHAELA	Universitatea "Alexandru Ioan Cuza" din Iași		IMPROVEMENT OF TiO2 THIN FILMS PERFORMANCES, FOR THE BENEFIT OF ENVIRONMENTAL DEPOLLUTION	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
566	PN-II-ID-PCE-2011-3-0333	Olaru	Radu	"Gh. Asachi" Technical University of Iasi	Sisteme electromagnetice inovative pe baza de magneti permanenti si ferrofluide	Innovative electromagnetic systems based on permanent magnets and ferrofluids	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
567	PN-II-ID-PCE-2011-3-0193	Neamtu	Mariana	Technical University of Iasi	Oxidarea catalitică și fotocatalitică din ape a poluanților cu efecte estrogeno-mimetice	Catalytical and photocatalytical removal of the endocrine disrupting compounds (EDCs) from waters	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
568	PN-II-ID-PCE-2011-3-0054	Cojocaru	Victor	Romanian Academy – Iasi Branch, Institute of Archaeology	Relațiile externe ale orașelor grecești pontice în perioada elenistică și epoca romană: o abordare multidisciplinară	External Relations of the Pontic Greek Cities in the Hellenistic and Roman Times: a Multidisciplinary Approach	SH6	The study of the human past: archaeology, history and memory
569	PN-II-ID-PCE-2011-3-0501	TUTELEA	LUCIAN NICOLAE	"POLITEHNICA" UNIVERSITY OF TIMISOARA	O CLASĂ DE MAȘINI ELECTRICE FĂRĂ MAGNEȚI PERMANENȚI ȘI FĂRĂ PERII ÎN ACȚIONĂRI ELECTRICE PERFORMANTE CU CONVERTOARE STATICE PENTRU HEV ȘI GENERATOARE	A CLASS OF PM-LESS BRUSHLESS ELECTRIC HIGH PERFORMANCE MACHINES/DRIVES WITH SELFBOOST PWM CONVERTER FOR HYBRID ELECTRIC CARS AND WIND GENERATORS	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
570	PN-II-ID-PCE-2011-3-0905	Gudea	Nicolae	UNIVERSITATEA BABEȘ-BOLYAI	Corpus Limitis Imperii Romani: Un sistem unitar de documentare al granițelor Imperiului Roman. O aplicație pilot în România	Corpus Limitis Imperii Romani: A Unitary Documentation System for the Borders of the Roman Empire. A Pioneer Application for Romania	SH6	The study of the human past: archaeology, history and memory
571	PN-II-ID-PCE-2011-3-0483	Raica	Marius	VICTOR BABES UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA ROMANIA	Limfangiogeneza in formele moleculare de cancer mamar: premiză pentru terapia metastazelor limfonodale.	Lymphangiogenesis in molecular subtypes of breast cancer: a prerequisite for targeted therapy of lymph node metastasis.	LS4	Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome

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572	PN-II-ID-PCE-2011-3-1041	Dricu	Anica	University of Medicine and Pharmacy Craiova	Rolul receptorilor tirozinkinazici in diagnosticul si tratamentul tumorilor cerebrale	The role of receptor tyrosine kinases in the diagnosis and therapy of brain tumours	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
573	PN-II-ID-PCE-2011-3-0626	Danet	Andrei Florin	Universitatea din Bucuresti		Chemiluminescence and electrochemiluminescence reactions for the study of reactive oxygen species, antioxidants and ROS-associated oxidative stress	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
574	PN-II-ID-PCE-2011-3-0120	Picu	R. Catalin	University POLITEHNICA of Bucharest	Urmatoarea generatie de materiale epoxy pentru aplicatii structurale: nanocompozite cu rezistenta si tenacitate ridicate	Next generation of epoxies for structural applications: nanocomposites with enhanced strength and toughness	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
575	PN-II-ID-PCE-2011-3-0801	Dascalu	Traian	National Institute for Laser Plasma and Radiation Physics		Ultraintense THz wave generated in air-plasma by short-pulse high-intensity laser beam	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
576	PN-II-ID-PCE-2011-3-0600	POPA	Mircea Ioan	"Carol Davila" University of Medicine and Pharmacy		Microbiology and metagenomics of the oral microbiota for early childhood caries control and prevention; public health involvement	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
577	PN-II-ID-PCE-2011-3-0979	Feleaga	Liliana	Academy of Economic Studies	Comunicarea performantei organizationale: determinanti structurali si consecinte in planul crearii de valoare	COMMUNICATING ORGANIZATIONAL PERFORMANCE: STRUCTURAL DETERMINANTS AND CONSEQUENCES ON VALUE CREATION	SH1	Individuals, institutions and markets: economics, finance and management
578	PN-II-ID-PCE-2011-3-0437	Mitrana	Victor	University of Bucharest	Calcul cu retele de procesoare inspirate din biologie	Computing With Networks of Bio-inspired Processors	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems

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579	PN-II-ID-PCE-2011-3-1048	dorin	popa	Universitatea "Alexandru Ioan Cuza" din Iasi	Mai multă interactivitate, mai puțină intimitate: când feedback-ul devine control. Conexiuni între noile media și noile audiențe	More interactivity less intimacy: when feedback means control. Connections between new media and new audiences	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
580	PN-II-ID-PCE-2011-3-0186	Angelescu	Daniel	Institute of Physical Chemistry "Ilie Murgulescu" Romanian Academy		DESIGNING QUANTUM DOT NANOPARTICLES FOR THE NEXT GENERATION OF SOLAR CELLS: CONTROL OF THE COMPOSITION, SIZE AND OPTICAL PROPERTIES	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
581	PN-II-ID-PCE-2011-3-0102	Stoica	Anicuta	University Politehnica of Bucharest	Studiul proprietatilor de transport ale membranelor de celuloza bacteriala si ale compozitelor hibride cu celuloza bacteriala	Investigation of transport properties of bacterial cellulose membranes and bacterial cellulose hybrid composites	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
582	PN-II-ID-PCE-2011-3-0359	Craciun	Maria Silvia	Babes Bolyai University		Beyond the Norms: Religious Practice in Late Medieval and Early Modern Transylvania	SH6	The study of the human past: archaeology, history and memory
583	PN-II-ID-PCE-2011-3-0403	Secu	Mihail	National Institute of Materials Physics	NANOTUBURI DE STICLE CERAMICE POMPATE IN INFRAROSU PENTRU APLICATII IN FOTONICA	INFRARED-PUMPED UPCONVERSION GLASS-CERAMIC NANORODS FOR PHOTONICS APPLICATIONS	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
584	PN-II-ID-PCE-2011-3-0730	Platon	Alexandru-Florin	"Alexandru Ioan Cuza" University of Iasi	Corpul ca reprezentare metaforica a comunitatii politice si etnice romanesti (secolele XV-XX)	The Body as a Metaphorical Representation of the Romanian Political and Ethnic Community (15th – 20th centuries)	SH6	The study of the human past: archaeology, history and memory
585	PN-II-ID-PCE-2011-3-0686	Rimbu	Norel	University of Bucharest		Anthropogenic and natural fingerprints on observational and proxy data	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management

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586	PN-II-ID-PCE-2011-3-0438	Sminchisescu	Cristian	Institute for Mathematics 'Simion Stoilow' of the Romanian Academy	Modele scalabile pentru recunoasterea vizuala tri-dimensionala a unui numar mare de clase de obiecte	Large Scale Models for Multi-class Three-dimensional Visual Object Recognition	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
587	PN-II-ID-PCE-2011-3-0988	Dobreanu	Minodora	University of Medicine and Pharmacy Targu Mures		DEVELOPMENT OF A PREDICTIVE MODEL USABLE AS A MEDICAL TOOL FOR THE PROGNOSIS OF VIROLOGICAL RESPONSE TO THERAPY IN CHRONIC HEPATITIS C	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
588	PN-II-ID-PCE-2011-3-0112	Marin	Catalin Nicolae	Universitatea de Vest din Timisoara	Metoda functiei de raspuns in evaluarea rigiditatii arteriale, cu aplicatii in studiul efectului activitatii fizice asupra imbatranirii vasculare	Response function method in the evaluation of arterial stiffness, with application in the study of physical activity effect on vascular ageing	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
589	PN-II-ID-PCE-2011-3-0515	TOMA	CRISTIAN GHIOCEL	UNIVERSITATEA POLITEHNICA BUCURESTI	Metode Matematice Predictive Robuste de Prelucrare a Semnalelor	Robust Predictive Signal-Processing Mathematical Methods	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
590	PN-II-ID-PCE-2011-3-0155	Pantilie	Radu	Institute of Mathematics "Simion Stoilow" of the Romanian Academy	Geometrie Cuaternionica Generalizata	Generalized Quaternionic Geometry	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
591	PN-II-ID-PCE-2011-3-1023	Popescu	Dorin-Mihail	"Simion Stoilow" Institute of Mathematics of the Romanian Academy	Metode algoritmice si teoretice pentru studiul idealelor monomiale si binomiale cu aplicatii in combinatorica, algebra comutativa si teoria grafurilor	Algorithmic and theoretical methods for studying monomial and binomial ideals with applications in combinatorics, commutative algebra and graph theory	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
592	PN-II-ID-PCE-2011-3-0255	Apetrei	Constantin	DUNAREA DE JOS UNIVERSITY OF GALATI	Realizarea unui sistem electronic pe baza de senzori electrochimici si biosenzori pentru controlul aminelor biogene	Development of an electronic system based on electrochemical sensors and biosensors for the control of biogenic amines	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics

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593	PN-II-ID-PCE-2011-3-0174	Lucian	Jiga	Victor Babes University of Medicine and Pharmacy		Using dendritic cells as tools for induction of transplantation tolerance. New approaches inside established paradigms.	LS6	Immunity and infection: immunobiology, aetiology of immune disorders, microbiology, virology, parasitology, global and other infectious diseases, population dynamics of infectious diseases, veterinary medicine
594	PN-II-ID-PCE-2011-3-0917	Ratziu	Vlad	University of Medicine and Pharmacy "Carol Davila"	Insulino-rezistenta: un factor determinant in procesul de fibrogeneza si carcinogeneza hepatica	Insulin resistance as a cause of hepatic fibrogenesis and carcinogenesis	LS4	Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome
595	PN-II-ID-PCE-2011-3-0992	Chircu	Adrian	UNIVERSITATEA BABES-BOLYAI	Terminologia si sintaxa textului juridic. Studiu contrastiv si abordare informatica (cu referire la textele acquis-ului comunitar)	The terminology and syntax of legal text. Contrastive study and IT-based approach (with reference to the aquis communautaire texts)	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
596	PN-II-ID-PCE-2011-3-0890	Gaina	Ioana Luiza	Universitatea Babes Bolyai		Synthesis and photophysical behavior of new aromatic azaheterocycles	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
597	PN-II-ID-PCE-2011-3-0336	ciobanu	constantin ion	the Institute of Art History "G. Oprescu" of the Romanian Academy	Text și imagine în pictura românească din secolul al XVI-lea.	Text and Image in the Romanian Painting of the 16th Century	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
598	PN-II-ID-PCE-2011-3-0739	Nita	Adrian	Universitatea din Craiova	Teoria substantei in lucrarile de tinerete ale lui Leibniz	Theory of substance at the young Leibniz	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
599	PN-II-ID-PCE-2011-3-1028	Miclea	Corneliu Florin	National Institute of Materials Physics		Interplay between superconductivity and magnetism and superconducting order parameter symmetry in pnictide superconductors.	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences

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600	PN-II-ID-PCE-2011-3-0080	Petrita	Titus	Dimitrie Cantemir Christian University	Algoritm general pentru curgerea sangelui in sistemul circulator	General Algorithm for the Blood Flow in the Circulatory System	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
601	PN-II-ID-PCE-2011-3-0399	Sima	Anca Volumnia	Institute of Cellular Biology and Pathology "Nicolae Simionescu"	Strategii moleculare de utilizare a unor extracte din plante pentru tratamentul aterosclerozei si diabetului; identificarea mecanismelor de actiune	Molecular strategies for plant extracts utilization in atherosclerosis and diabetes treatment; identification of the mechanisms of action	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction
602	PN-II-ID-PCE-2011-3-0756	Dinca	Mihai P.	National Institute for Laser, Plasma and Radiation Physics	Proiectarea si depunerea de acoperiri antireflex cu indice de refractie variabil folosind strat-uri subtiri nanostructurate	Design and deposition of graded-index AR coatings with nanostructured thin layers	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
603	PN-II-ID-PCE-2011-3-0160	Agapie	Alexandru	ACADEMIA DE STUDII ECONOMICE DIN BUCURESTI		Evolutionary algorithms: theoretical properties and applications	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
604	PN-II-ID-PCE-2011-3-0785	Madalina	Antonescu	Romanian Diplomatic Institute		Challenges of biometrical practices and human liberty and dignity, at the beginning of XXI century	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
605	PN-II-ID-PCE-2011-3-0928	Manduteanu	Ileana	Institute of Cell Biology and Pathology "Nicolae Simionescu"	Molecule si mecanisme implicate in inflamatiile vasculare dependenta de citokine si chemokine, posibile tinte pentru noi strategii nanoterapeutice	Molecules and mechanisms involved in cytokine and chemokine-dependent vascular inflammation as targets for novel nanotherapeutic strategies	LS3	Cellular and Developmental Biology: cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals

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606	PN-II-ID-PCE-2011-3-0691	Brancus	Iliana	Horia Hulubei National Institute of Physics and Nuclear Engineering	Caracteristici ale razelor cosmice observate cu sisteme avansate de detectie	The Nature of Cosmic Rays as Observed by Advanced Detectors	PE9	Universe sciences: astro-physics/chemistry/biology; solar system; stellar, galactic and extragalactic astronomy, planetary systems, cosmology; space science, instrumentation
607	PN-II-ID-PCE-2011-3-0667	Cosereanu	Liviu	Military Equipment and Technologies Research Agency	Cercetari fundamentale si aplicative privind adaptabilitatea dinamica a materialelor inteligente	Fundamental and applicative research on smart materials dynamic adaptability	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
608	PN-II-ID-PCE-2011-3-0413	Ursescu	Daniel	Institutul National de Cercetare Dezvoltare pentru Fizica Laserilor, Plasmei si Radiatiei	Combinarea coerenta a pulsurilor laser ultracurte	Coherent combination of ultra-short laser pulses	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
609	PN-II-ID-PCE-2011-3-0463	Salavastru	Constantin	Alexandru Ioan Cuza University	Dezbaterile publice și dezvoltarea democrației participative	The Public Debates and the Development of the Participatory Democracy	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
610	PN-II-ID-PCE-2011-3-0072	Paulescu	Marius	West University of Timisoara	Algoritmi pentru estimarea si prognoza iradierii solare bazati pe temperatura aerului	Algorithms for estimating and forecasting solar irradiation based on air temperature data	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
611	PN-II-ID-PCE-2011-3-0583	ANDREICA	Daniel	UNIVERSITATEA BABES-BOLYAI	Investigarea diagramei de faza a materialelor prin muSR si muSR sub presiune.	Investigation of the phase diagram of selected compounds by muSR and muSR under peressure.	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
612	PN-II-ID-PCE-2011-3-0077	Todica	Mihai	University Babes-Bolyai, Faculty of Physics	Membrane polimerice cu aplicatii medicale	Polymeric membranes for medical applications	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences

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613	PN-II-ID-PCE-2011-3-0910	Duliu	Octavian	Universitatea din Bucuresti	Studiile efectelor de iradiere pentru dozimetrie retrospectiva, geocronologia cuaternarului si pentru controlul calitatilor alimentelor	Studies of the irradiation effects for retrospective dosimetry, quaternary geochronology and food control qualities	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
614	PN-II-ID-PCE-2011-3-0401	Nicolae Calin	POPA	Romanian Academy - Timisoara Branch	Constructia unei centrale hidro-electrice marine folosind nanofluide magnetice	Ocean Waves Hydro-Electric Power Station Using Magnetic Nanofluids	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
615	PN-II-ID-PCE-2011-3-0159	Iancu	Aurel	National Institute for Economic Research	Financiarizarea si fragilitatea sistemului financiar	Financialisation and the Fragility of the Financial System	SH1	Individuals, institutions and markets: economics, finance and management
616	PN-II-ID-PCE-2011-3-0446	Gartner	Mariuca	Institute of Physical Chemistry "Ilie Murgulescu" of the Romanian Academy		Improved TCO materials for the next generation transparent electronics and their complex investigation by wide range ellipsometry from UV to Mid IR	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
617	PN-II-ID-PCE-2011-3-0248	Adrian	Brezulianu	UNIVERSITATEA TEHNICA GHEORGHE ASACHI DIN IASI		Novel Area Preserving Framework for the Interpolation, Approximation and Sharpening of Signals that uses Probability Distributions as Mollifier	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
618	PN-II-ID-PCE-2011-3-0678	Rusu	Dan Razvan	"Iuliu Hatieganu" University of Medicine and Pharmacy	Nanocompozite inteligente bazate pe polioxometalati utilizate in design-ul unor medicamente anorganice	Intelligent nano-composite based on polyoxometalates used in some potential inorganic drug design	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
619	PN-II-ID-PCE-2011-3-0424	Tutulan-Cunita	Andreea Cristina	Institutul National de Cercetare-Dezvoltare in Domeniul Patologiei si al Stiintelor Biomedicale "Victor Babes"	Contributia celulelor stem mezenchimale in neoplasmale hematologice: micromediu cu rol de suport sau celule tumorale	Dissecting the contribution of mesenchymal stem cells in hematologic neoplasms: supporting microenvironment or tumor cells	LS3	Cellular and Developmental Biology: cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals
620	PN-II-ID-PCE-2011-3-0082	Popa	Nicolae	National Institute of Materials Physics		MACRO – STRESS AND MICRO – STRESS IN RIETVELD REFINEMENT: NEW MODELS AND APPROACHES	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences

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621	PN-II-ID-PCE-2011-3-0491	Tudor	Tiberiu	University of Bucharest		Pure operatorial ("non-matrix") approaches to the interaction of static and dynamic polarization devices with polarized light and applications.	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
622	PN-II-ID-PCE-2011-3-0656	FLORESCU	CRISTINA	Academia Romana Filiala Iasi	Terminologia romana meteorologica stiintifica si populara a fenomenelor atmosferice. Studiu lingvistic.	Romanian meteorological scientific and popular terminology of the atmospheric phenomena. Linguistic approach.	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
623	PN-II-ID-PCE-2011-3-0187	Dan	Rosu	Petru Poni Institute of Macromolecular Chemistry	Cercetari avansate privitoare la comportarea sistemelor polimerice multicomponente sub actiunea controlata a factorilor de mediu	Advanced research related to the behavior of multi-component polymer systems under simulated environmental factors action	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
624	PN-II-ID-PCE-2011-3-0620	Polosan	Silviu	National Institute of Materials Physics		DUAL EMITTERS FOR DISPLAYS BASED ON OLED COMPOUNDS	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
625	PN-II-ID-PCE-2011-3-0884	ROMINU	MIHAI	University of Medicine and Pharmacy "Victor Babes" Timisoara	Investigarea suprafetelor si interfetelor asociate biomaterialelor dentare	The Investigation of Surfaces and Interfaces Associated with Dental Biomaterials	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
626	PN-II-ID-PCE-2011-3-0936	Turdean	Graziella Liana	University Babes Bolyai		Autonomous Robotic Mapping of Chemically Polluted Environments	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
627	PN-II-ID-PCE-2011-3-0078	CONSTANTINE SCU	BOGDAN	Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering	Studii de arheometalurgie pe Aurul si Argintul Dacic folosind metode performante de spectrometrie de raze X	Archaeometallurgical studies on Dacian Gold and Dacian Silver using advanced X-Ray spectrometric techniques	SH6	The study of the human past: archaeology, history and memory
628	PN-II-ID-PCE-2011-3-0318	Stoica	Sabin	Fundatia Horia Hulubei	Dezvoltarea de modele si metode pentru calculul elementelor de matrice nucleare implicate in studiul dezintegrarii beta duble	Development of models and methods for computation of the nuclear matrix elements involved in the study of double-beta decay	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
629	PN-II-ID-PCE-2011-3-0097	Albu	Felix	UNIVERSITATEA VALAHIA TARGOVISTE	Algoritmi adaptivi avansati pentru aparate auditive digitale	Advanced Adaptive Algorithms for Digital Hearing Aids	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering

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630	PN-II-ID-PCE-2011-3-0702	Olar	Rodica	University of Bucharest	Combinatii complexe cu liganzi multifunctionali pentru rezolvarea unor probleme asociate cu microorganismele patogene	Complexes with multifunctional ligands designed for solving some issues associated with pathogenic microorganism	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
631	PN-II-ID-PCE-2011-3-0768	Matei	Ani	National School of Political Studies and Public Administration	Indicatori socio-economici privind evaluarea impactului europenizarii asupra administratiei publice	Socio-Economic Indicators concerning the Assessment of the Impact of Europeanization on Public Administration	SH1	Individuals, institutions and markets: economics, finance and management
632	PN-II-ID-PCE-2011-3-0090	Ilie	Cruceru	Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering	Cercetari experimentale in interactii cu ioni grei cu detectori de CsI(Tl)cu continut mare de activator pentru identificarea dupa A si Z a izotopilor	Experimental research in heavy ions interactions using detectors of CsI(Tl) with high concentration of activators for A and Z isotopes identification	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
633	PN-II-ID-PCE-2011-3-1073	Murzea	Cristinel	UNIVERSITATEA TRANSILVANIA BRASOV	Analiza interdisciplinara si inovare in domeniul protectiei juridice a consumatorului, in relatie cu societatile comerciale din Romania, stat membru	Interdisciplinary and innovative analysis in the field of the juridical consumer protection, in relation to the commercial companies from Romania, a	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
634	PN-II-ID-PCE-2011-3-0549	Stancu-Minasian	Ioan	"Gheorghe Mihoc-Caius Iacob" Institute of Mathematical Statistics and Applied Mathematics of the Romanian Academy	PROBLEME DE OPTIMIZARE PE SPATII MASURABILE CU APLICATII IN STATISTICA MATEMATICA	OPTIMIZATION PROBLEMS ON MEASURABLE SPACES WITH APPLICATIONS IN MATHEMATICAL STATISTICS	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
635	PN-II-ID-PCE-2011-3-0257	Micu	Sorin Daniel	Universitatea din Craiova	Controlabilitate, comportament asimptotic si analiza numerica pentru procese de evolutie	Controllability, asymptotic behavior and numerical analysis for evolutionary processes	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
636	PN-II-ID-PCE-2011-3-0158	Oprean	Coriolan Horațiu	Romanian Academy, Institute of Archaeology and History of Art Cluj-Napoca	Dincolo de bariere. Remodelând identitățile culturale la sfârșitul Antichității în Europa centrală și de est. Studiu de caz.	Crossing the boundaries. Remodeling cultural identities at the end of Antiquity in Central and Eastern Europe. A case study.	SH6	The study of the human past: archaeology, history and memory

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637	PN-II-ID-PCE-2011-3-0432	ANGHEL	ANDREI	University of Medicine and Pharmacy Victor Babes Timisoara	Identificarea de miARN-uri ca noi tinte in terapia genica a cancerului de san uman	Identification of miRNAs as new gene therapy targets in human breast cancer	LS2	Genetics, Genomics, Bioinformatics and Systems Biology: genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics,metabolomics, bioinformatics, computational biology, biostatistics, biologicalmodelling and simulation, system
638	PN-II-ID-PCE-2011-3-0165	Ghica	Corneliu	National Institute of Materials Physics	Structura la rezolutie atomica si reactii la interfata in sisteme modulate la scara nanometrica	Atomically resolved structure and interface reaction in nano-scale modulated systems	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
639	PN-II-ID-PCE-2011-3-0443	Stancu	Camelia Sorina	Institute of Cellular Biology and Pathology Nicolae Simionescu	Mecanisme celulare si moleculare prin care lipidele induc rezistenta la insulina; efectul lipoproteinelor de densitate joasa modificate enzimatic	Cellular and molecular mechanisms involved in lipid-induced insulin resistance; effect of enzymatically-modified low density lipoproteins	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction
640	PN-II-ID-PCE-2011-3-0365	CALIN	MARIUS	University of Bucharest	Tranzitii de faza in materia nucleara, evolutia regiunii participante si scenariii cosmologice de tip "Explozie primordiala" (Big Bang)	Phase transitions in nuclear matter, the evolution of the participant region and the Big Bang type cosmological scenarios.	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
641	PN-II-ID-PCE-2011-3-0268	Teodorescu	Valentin Serban	National Institute of Materials Physics	Transformari microstructurale in straturi subtiri prin iradiere laser in puls la fluente mai mici decit pragul de ablatie	Microstructural transformations of thin films by pulsed laser irradiation at fluences lower than the ablation threshold	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
642	PN-II-ID-PCE-2011-3-0272	Spataru	Nicolae	Institute of Physical Chemistry Ilie Murgulescu of The Romanian Academy		Interactional and functional effects of the substrate on the electrochemical behavior of micro and nanostructured metallic and oxidic deposits	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
643	PN-II-ID-PCE-2011-3-0725	Ursu	Ioan	Institutul National de Cercetare-Dezvoltare pentru Fizica si Inginerie Nucleara Horia Hulubei		Novel PET, TRT and SPECT tracers using molecular targets	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
644	PN-II-ID-PCE-2011-3-0747	Stefan	Mariana	National Institute of Materials Physics	Centri de defecte in nanostructuri oxidice luminescente	Defect centers in luminescent oxide nanostructures	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences

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645	PN-II-ID-PCE-2011-3-0670	Preda	Titi	INFLPR - Institute for Space Sciences	Evaluari Monte Carlo ale sectiunilor eficace ale neutronilor relevante pentru domeniul de energii inalte	Monte Carlo evaluations of NEutron CROss Section relevant for high-energy domain	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
646	PN-II-ID-PCE-2011-3-0523	Meghea	Aurelia	University POLITEHNICA Bucharest	MATERIALE INTELIGENTE CU BIOACTIVITATE AMPLIFICATA CA EFECT DE DIMENSIUNE PENTRU DIFERITE DIMENSIONALITATI	SMART MATERIALS WITH ENHANCED BIOACTIVITY AS SIZE EFFECT FOR VARIOUS DIMENSIONALITIES	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
647	PN-II-ID-PCE-2011-3-0978	Haiduc	Maria	INFLPR - Institute for Space Sciences	Studiul proceselor difractive in interactii produse in emulsia nucleara de ioni accelerati la 1-4 GeV si aplicatii in astrofizica	Study of diffractive processes in interactions of 1-4 GeV ions with nuclear emulsion and applications in astrophysics	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
648	PN-II-ID-PCE-2011-3-0869	Gheorghiu	Mihaela	International Centre of Biodynamics	QUESTNANOTUBES: O perspectiva cantitativa asupra comunicarii intercelulare prin nanotuburi membranare - rolul expunerii directe/indirecte la patogeni	A quantitative perspective on modulation of cell-cell communication via membrane nanotubes - the role of direct and indirect pathogen exposure	LS3	Cellular and Developmental Biology: cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals
649	PN-II-ID-PCE-2011-3-0919	Ciobanu	Gabriel	Romanian Academy, Iasi branch	Calcul membranelor si formalisme inspirate din biologie: calculabilitate, complexitate, cauzalitate.	Membrane Computing and Biologically Inspired Calculi: Computability, Complexity, Causality.	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
650	PN-II-ID-PCE-2011-3-0084	Zalinescu	Constantin	University Alexandru Ioan Cuza Iasi	Regularitate si senzitivitate in optimizarea multicriteriala	Regularity and sensitivity in multicriteria optimization	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
651	PN-II-ID-PCE-2011-3-0153	Petrovici	Alexandrina	Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering	Studii avansate asupra structurii si dinamicii nucleelor exotice	Advanced Studies on Structure and Dynamics of Exotic Nuclei	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics

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652	PN-II-ID-PCE-2011-3-0763	Sava	Bogdan Alexandru	National Institute for Laser, Plasma & Radiation Physics	Materiale vitroase fosfatice, pulbere sau filme subtiri, cu proprietati optice si magnetice, pentru aplicatii in optoelectronica, ecologice	New phosphate vitreous materials, as powders and thin films, with optical and magnetical properties, for optoelectronics, ecological purposes	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
653	PN-II-ID-PCE-2011-3-0157	Sima	Marian	National Institute of Materials Physics	Material nanocompozit organic/anorganic cu proprietati termoelectrice	Thermoelectric organic/inorganic nanocomposite material	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
654	PN-II-ID-PCE-2011-3-0254	Vasilescu	Catalin	Fundeni Clinical Institute		The role of microRNAs and ion channels (TRPM2) in LPS signaling regulation. New diagnostic assays in sepsis and surgical induced immunosuppression	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
655	PN-II-ID-PCE-2011-3-0407	Craciun	Doina	National Institute for Lasers, Plasma and Radiation Physics	Studiul proprietatilor filmelor subtiri de ZrC pentru aplicatii in acoperirea combustibilului nuclear (TRISO)	Investigations of ZrC thin films properties for TRISO nuclear fuel applications	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
656	PN-II-ID-PCE-2011-3-0409	Craciun	Valentin	National Institute for Lasers, Plasma and Radiation Physics	Depunerea, caracterizarea si metrologia oxizilor amorfi pentru aplicatii in tranzistoare cu filme subtiri	Deposition, Characterization and Metrology of Amorphous Oxides for Thin Film Transistors Applications	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
657	PN-II-ID-PCE-2011-3-1078	Nica	Mihaela Iuliana (Iulia)	Universitatea "Alexandru Ioan Cuza" din Iasi	Frazeologie contrastivă: locuțiunile adverbiale, prepoziționale și conjuncționale în limbile romanice	Contrastive phraseology: Multiword adverbs, prepositions and conjunctions in Romance languages	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
658	PN-II-ID-PCE-2011-3-0915	Cheval	Sorin	National Institute for Research and Development in Environmental Protection	Insule de caldura urbana in Romania: caracteristici si scenarii de evolutie	Urban Heat Islands in Romania: Assessment and Scenarios	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management

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659	PN-II-ID-PCE-2011-3-0391	DOGARU	Radu	UNIVERSITATEA POLITEHNICA BUCURESTI	Sisteme de calcul de inspiratie naturala cu retele celular neliniare: Arhitecturi, aplicatii pentru senzori inteligenti si in modelare	Natural Computing with Cellular Nonlinear Networks: Architectures, Smart Sensing and Modeling Applications	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
660	PN-II-ID-PCE-2011-3-0938	UNGUREANU	DANIEL-VIOREL	UNIVERSITATEA POLITEHNICA DIN TIMISOARA	Grinzi realizate integral din elemente cu pereti subtiri formate la rece, din otel, cu inima din tabla cutata, imbinata cu suruburi autofiletante	Thin-walled cold-formed steel beams of corrugated webs screwed to built-up section flanges	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
661	PN-II-ID-PCE-2011-3-0874	Parv	Bazil	Babes-Bolyai University	CADRU CONCEPTUAL BAZAT PE MODELE PENTRU VERIFICAREA SI VALIDAREA SISTEMELOR BAZATE PE COMPONENTE	CONCEPTUAL FRAMEWORK BASED ON MODELS FOR VERIFICATION AND VALIDATION OF COMPONENT BASED SYSTEMS	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
662	PN-II-ID-PCE-2011-3-0220	Niculescu	Ecaterina Cornelia	Universitatea Politehnica Bucuresti		FREESTANDING NANOSTRUCTURES UNDER INTENSE LASER FIELDS: MODELING THE OPTOELECTRONIC PROPERTIES	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
663	PN-II-ID-PCE-2011-3-0540	POPA	IONEL MARCEL	The Gheorghe Asachi Technical University of Iasi	NOUA ABORDARE A TERAPIEI COMBinate A NEOVASELOR CORIORETINIENE PRIN ADMINISTRAREA INTRAVITREALA DE SISTEME MICRO/NANOPARTICULATE POLIMER-MEDICAMENT	NEW APPROACH ON THE CHORIORETINAL NEOVASCULARIZATION COMBINED THERAPY BY INTRAVITREAL ADMINISTRATION OF MICRO/NANOPARTICULATE POLYMER-DRUG SYSTEMS	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
664	PN-II-ID-PCE-2011-3-1044	Negreanu-Pirjol	Ticuta	Universitatea Ovidius Constanta	NOI FORME FARMACEUTICE TOPICE DE UZ EXTERN CU POTENTIAL ANTIMICROBIAN SI ANTIOXIDANT OBȚINUTE DIN ORGANISME MARINE FITO-ZOO-BENTALE	NEW PHARMACEUTICAL FORMULA FOR EXTERNAL TOPIC USE WITH ANTIMICROBIAL AND ANTIOXIDATIVE POTENTIAL OBTAINED FROM FITO-ZOO-BENTHOS MARINE ORGANISMS	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics

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665	PN-II-ID-PCE-2011-3-0954	Stiufiuc	Rares	INSTITUTUL REGIONAL DE GASTROENTEROLOGIE-HEPATOLOGIE "PROF. DR. OCTAVIAN FODOR"		Nanovesicles for targeted drug delivery in cancer cells	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
666	PN-II-ID-PCE-2011-3-0487	STANOIU	MIHAI	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU FIZICA SI INGINERIE NUCLEARA HORIA HULUBEI IFIN HH DIN BUCURESTI	Studiul rolului fortelor tensoriale la inchiderea de paturi Z=28 pentru nuclee bogate in neutroni	Study of z=28 shell gap by the tensor force in neutron-rich isotopes	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
667	PN-II-ID-PCE-2011-3-0246	Popescu	Florin-Dan	UNIVERSITATEA DE MEDICINA SI FARMACIE CAROL DAVILA BUCURESTI	Asocieri genetice în astm și rinita alergică la pacienți din sudul României	Genetic associations in asthma and allergic rhinitis in patients from Southern Romania	LS6	Immunity and infection: immunobiology, aetiology of immune disorders, microbiology, virology, parasitology, global and other infectious diseases, population dynamics of infectious diseases, veterinary medicine
668	PN-II-ID-PCE-2011-3-0676	Falup-Pecurariu	Oana	Universitatea Transilvania Brasov	Susceptibilitatea antimicrobiana, distributia serotipurilor de Streptococcus pneumoniae care colonizeaza nazofaringele la copil si in boala invaziva	Antimicrobial susceptibility, serotypes distribution of Streptococcus pneumoniae colonizing the nasopharynx in children and invasive disease	LS6	Immunity and infection: immunobiology, aetiology of immune disorders, microbiology, virology, parasitology, global and other infectious diseases, population dynamics of infectious diseases, veterinary medicine
669	PN-II-ID-PCE-2011-3-1042	Neumann	Victor	Universitatea de Vest din Timisoara	Istoria conceptelor și istoria conceptuală - aplicații inovatoare în istoriografiile română și est-europeană	History of Concepts and Conceptual History – Innovative Applications in the Romanian and East-European Historiographies	SH6	The study of the human past: archaeology, history and memory
670	PN-II-ID-PCE-2011-3-0650	Gurlui	Silviu	Alexandru Ioan Cuza University of Iasi	Studiul interacțiunii polimer-radiatie laser in atmosfera controlata. Obținerea de filme nanostructurate prin ablatie laser. Aplicatii.	The study of polymer-laser radiation interactions in controlled atmosphere. Laser ablation nanostructured thin films layers. Applications.	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry

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671	PN-II-ID-PCE-2011-3-0584	Timofte	Dorina	University of Agricultural Sciences and Veterinary Medicine Ion Ionescu de la Brad Iasi	Prevalenta enterobacteriilor ESBL-producătoare în abatoarele de pui din România și implicații epidemiologice pentru sănătatea publică	Prevalence of ESBL-producing Enterobacteriaceae in poultry abattoirs in Romania and the epidemiological implications for public health	LS6	Immunity and infection: immunobiology, aetiology of immune disorders, microbiology, virology, parasitology, global and other infectious diseases, population dynamics of infectious diseases, veterinary medicine
672	PN-II-ID-PCE-2011-3-0373	ANTOHE	Stefan	UNIVERSITY OF BUCHAREST		OPTIMIZATION OF NANOSTRUCTURED MATERIALS FOR PHOTOVOLTAIC APPLICATIONS	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
673	PN-II-ID-PCE-2011-3-0681	Colita	Andrei	Universitatea de Medicina și Farmacie "Carol Davila" Bucuresti	Studiul valorii prognostice a markerilor moleculari și citogenetici în leucemiile acute mieloblastice și sindroamele mielodisplazice	Study of the prognostic value of molecular and cytogenetical markers in acute myeloid leukemia and myelodysplastic syndromes	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction
674	PN-II-ID-PCE-2011-3-0461	Nita	Marian	National Institute of Materials Physics		Spin currents and spin caloric transport in mesoscopic devices and nanostructures.	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
675	PN-II-ID-PCE-2011-3-0199	BERCEA	Maria	Petru Poni Institute of Macromolecular Chemistry		POLYMER MATERIALS WITH SMART PROPERTIES	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
676	PN-II-ID-PCE-2011-3-0126	SUTEU	DANIELA	Technical University "Gheorghe Asachi" from Iasi	VALORIFICAREA DESEURILOR AGROINDUSTRIALE CA MATERIALE ADSORBANTE ÎN BIOTEHNOLOGII PENTRU PROTECTIA MEDIULUI	AGROINDUSTRIAL WASTES USED AS ADSORBENTS IN BIOTECHNOLOGIES FOR ENVIRONMENTAL PROTECTION	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation

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677	PN-II-ID-PCE-2011-3-0258	Mihai	Adriana	University of Medicine and Pharmacy Tg Mures, Romania	IMPACTUL EDUCAȚIEI CADRELOR MEDICALE ÎN REDUCEREA VIOLENȚEI ÎN SERVICIILE DE PSIHIATRIE	THE IMPACT OF TRAINING OF MEDICAL STAFF IN REDUCING VIOLENT INCIDENTS ON PSYCHIATRIC WARDS	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
678	PN-II-ID-PCE-2011-3-0846	Ștefanovici	Smaranda	"Petru Maior" University	Istorie politica și culturala: Studii și relații romano-americane în sec XX	Cultural and Political History: American-Romanian Studies and Relations in the 20th Century	SH6	The study of the human past: archaeology, history and memory
679	PN-II-ID-PCE-2011-3-0830	Neculoiu	Dan	Institutul National de Cercetare-Dezvoltare pentru Microtehnologie - IMT Bucuresti		Millimeter-wave Front-End for Imaging in Security and Medical Applications	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
680	PN-II-ID-PCE-2011-3-0420	Petcu	Eugen	University of Medicine and Pharmacy Targu Mures	Angiogeneza post-accident vascular cerebral: factori moleculari cu semnificatie clinica	Post-stroke angiogenesis: molecular factors with clinical significance	LS5	Neurosciences and neural disorders: neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological disorders, psychiatry
681	PN-II-ID-PCE-2011-3-0633	ANICAI	LIANA	POLITEHNICA University of Bucharest	Nanostructuri de oxizi obtinuti prin dizolvarea anodica controlata a metalelor valva in electroliti pe baza de lichide ionice	Oxide nanostructures obtained by controlled valve metals anodic dissolution in ionic liquids based electrolytes	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
682	PN-II-ID-PCE-2011-3-0129	Biris	Alexandru Radu	National Institute for Research and Development of Isotopic and Molecular Technologies	Sinteza de graphene de inalta puritate prin metoda CCVD-IH pe catalizatori de metale nobile pentru studiul oxidarii ADN-lui	Synthesis of high purity graphene by CCVD-IH method on noble-metal catalyst for studying DNA oxidation	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
683	PN-II-ID-PCE-2011-3-0986	Caizer	Costica	West University of Timisoara	Hipertermia superparamagnetică în nanosistemele magnetolipozomi/magnetociclodextrine cu aplicație țintă în terapia cancerului mamar/cutanat	Superparamagnetic hyperthermia in the magnetoliposomes/magnetocyclodextrins nanosystems with target application in the breast cancer/skin carcinoma	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences

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684	PN-II-ID-PCE-2011-3-0370	Borcea	Catalin	Horia Hulubei National Institute for Physics and Nuclear Engineering (IFIN-HH)	Comportarea la bariera a sectiunilor de fuziune cu proiectile slab legate sau cu structura de cluster	Near barrier behaviour of fusion cross section with loosely bound projectiles or projectiles with cluster structure	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
685	PN-II-ID-PCE-2011-3-0301	IXARU	LIVIU	Horia Hulubei National Institute for Physics and Nuclear Engineering	Metode numerice de inalta eficienta pentru ecuatia Schrodinger	High performance numerical methods for the Schrodinger equation	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
686	PN-II-ID-PCE-2011-3-1087	Cristian	Voica	University of Bucharest		DYNAMIC INFRASTRUCTURE OF MIND: MATHEMATICAL ACQUISITIONS AND LINGUISTIC ACQUISITIONS	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
687	PN-II-ID-PCE-2011-3-0357	Aurel	Pop	UNIVERSITATEA BABES BOLYAI		The influence of doping on transport mechanisms and magnetic properties in Bi ₂ Sr ₂ CaCu ₂ O ₈ +d superconducting thin film	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
688	PN-II-ID-PCE-2011-3-0176	Predoi	Daniela	National Institute of Material Physics	Nanofluide magnetice pentru vectorizarea agentilor terapeutici sau diagnostic. Reactia intre reactivitatea de suprafata si raspunsurile biologice.	Magnetic nanofluids for vectorization of therapeutic or diagnostic agents. The reaction between surface reactivity and biological responses.	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
689	PN-II-ID-PCE-2011-3-1024	NEGRUTIU	MEDA-LAVINIA	UNIVERSITY OF MEDICINE AND PHARMACY VICTOR BABES TIMISOARA		New frontiers in regenerative dentistry: imaging investigation, design and processing scaffolds for the bone regeneration process	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
690	PN-II-ID-PCE-2011-3-0108	PASCOVICI	Mircea Dumitru	Universitatea POLITEHNICA din Bucuresti	Procesul de re-imbibare a straturilor poroase extrem de compresibile	The process of re-imbibition of porous and highly compressible layers	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering

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691	PN-II-ID-PCE-2011-3-0795	COZAR	ONUC	INSTITUTUL NAȚIONAL DE CERCETARE – DEZVOLTARE PENTRU MAȘINI ȘI INSTALAȚII DESTINATE AGRICULTURII ȘI INDUSTRIEI ALIMENTARE	CERCETARI PRIVIND IMBUNATATIREA PROPRIETATILOR FIZICO-MECANICE SI STRUCTURII MATERIALELOR BIODEGRADABILE PENTRU AMBALARE DIN MATERII PRIME AUTOHTONE	RESEARCHES TO IMPROVE THE PHYSICAL - MECHANICAL PROPERTIES AND STRUCTURE OF THE BIODEGRADABLE PACKAGING MATERIALS FROM INDIGENOUS RAW MATERIALS	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
692	PN-II-ID-PCE-2011-3-0816	Duca	Radu Corneliu	National Research & Development Institute for Biology and Animal Nutrition	Dezvoltarea si validarea unei metodologii rapide in vitro de evaluare a biodisponibilitatii unor nutrienti esentiali din surse furajere pentru porci	Development and validation of a rapid in vitro methodology to evaluate the bioavailability of some essential nutrients from pig feed sources	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
693	PN-II-ID-PCE-2011-3-0107	Rasche	Christoph	Universitatea Politehnica Bucuresti		A Holistic Structural Description for Shape Recognition	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
694	PN-II-ID-PCE-2011-3-0892	Moustakis	Vassilios S.	Technical University "Gheorghe Asachi" of Iasi		Entrepreneurship and Innovation Measurement for Business Ecosystems'Enhanced Performance: A Comparative Study in CEE and Mediterranean Countries	SH1	Individuals, institutions and markets: economics, finance and management
695	PN-II-ID-PCE-2011-3-0146	Logofatu	Petre	National Institute for Research and Development for the Laser, Plasma and Radiation Physics	Tehnici inovative de metrologie optica pentru caracterizarea mediilor periodice	Innovative optical metrology techniques for the characterization of periodic media	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
696	PN-II-ID-PCE-2011-3-0527	Baican	Adrian	University of Medicine and Pharmacy Iuliu Hatieganu	Dezvoltarea unui sistem ELISA utilizand laminina 5 si integrina $\alpha 6\beta 4$ recombinata pentru pemfigoidul cicatricial	Development of a novel ELISA system using recombinant laminin 5 and $\alpha 6\beta 4$ integrin for mucous membrane pemphigoid	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics

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697	PN-II-ID-PCE-2011-3-0156	MARIN	MARIN	Transilvania University of Brasov	MODELE MECANICE ALE MATERIALELOR CU MICROSTURCTURĂ ȘI COMPOZITE PENTRU STUDIUL PROPRIETĂȚILOR GLOBALE DE DISIPARE ENERGETICĂ	MECHANICS MODELS OF THE MICROSTRETCH AND COMPOSITE MATERIALS FOR THE STUDY OF THE GLOBAL PROPERTIES OF ENERGY DISSIPATION	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
698	PN-II-ID-PCE-2011-3-0991	Grancea	Mihaela	"Lucian Blaga" University from Sibiu	Geografii simbolice și patrimoniul urbane în scrierile de călătorie ale românilor din secolul XIX	Symbolic Geographies and Urban Patrimonies in 19th Century Romanian Travel Literature	SH6	The study of the human past: archaeology, history and memory
699	PN-II-ID-PCE-2011-3-1030	Toma	Maricela	"C.D.Nenitescu" Center of Organic Chemistry	Prelucrarea integrată a biomasei pentru combustibili naturali, alelochimicale și derivați de lignina	Integrated utilization of biomass for biofuels, lignin derivatives and allelochemicals	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
700	PN-II-ID-PCE-2011-3-0850	Ioan	Daniel	Universitatea Politehnica Bucuresti	Modelarea ierarhică și autoadaptivă a dispozitivelor electromagnetice la înaltă frecvență	Hierarchical and Adaptive Modeling of the High Frequency Electromagnetic Devices – HMFRED	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
701	PN-II-ID-PCE-2011-3-0098	Constantin	Florin	"Horia Hulubei" National Institute for Physics and Nuclear Engineering	Studiul polimerilor - membrane și filme subțiri prin spectroscopia de anihilare a pozitronilor	Positron Annihilation Spectroscopy Studies of Polymers - Membranes and Thin Films	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
702	PN-II-ID-PCE-2011-3-0706	Amarande	Luminita	National Institute of Materials Physics	Studiul proprietăților multiferoice ale nanopulberilor de titanat de plumb dopat	Investigation of multiferroic properties of doped lead titanate nanopowders	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
703	PN-II-ID-PCE-2011-3-0757	Cosma	Constantin	UNIVERSITATEA BABES-BOLYAI	Dezvoltarea și implementarea tehnicilor alfa și gama spectrometrice utilizate în studii asupra radioactivității artificiale și naturale a mediului	Development and implementation of alpha and gamma spectrometric techniques used in natural and artificial radioactivity environmental studies	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics

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704	PN-II-ID-PCE-2011-3-0496	Popa	Catalin George	Universitatea "Alexandru Ioan Cuza" din Iasi	Controlul ecuatiilor dinamicii fluidelor	The Control of the Equations of the Fluid Dynamics	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
705	PN-II-ID-PCE-2011-3-0790	STERIAN	ANDREEA-RODICA	UNIVERSITY "POLITEHNICA" OF BUCHAREST	STUDII DE EVALUARE SI OPTIMIZARE A CALITATII IMAGINILOR ACHIZITIONATE IN SITUATII CRITICE PRIN TERMOVIZIUNE SI TEHNOLOGIA LASER-GATE IMAGING	SOME STUDIES ON THE QUALITY ASSESSMENT AND OPTIMIZATION FOR THE IMAGES ACQUIRED BY THERMAL IMAGING AND LASER-GATE TECHNOLOGY IN CRITICAL SITUATIONS	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
706	PN-II-ID-PCE-2011-3-0524	Vlascici	Dana	West University of Timisoara		Potentiometric detection and removal of heavy metals from water by using novel porphyrins and their functionalized hybrid silica nanomaterials	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
707	PN-II-ID-PCE-2011-3-0989	Ciutina	Adrian	Universitatea "Politehnica" Timisoara	Cadre duale cu componente disipative histeretice demontabile	Dual Frames with Removable Dissipative Hysteretic Components	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
708	PN-II-ID-PCE-2011-3-0350	Lupu	Dan Miron	Institutul Național de Cercetare Dezvoltare pentru Tehnologii Izotopice și Moleculare		Issues and challenges for hydrogen storage in composites with metal-organic frameworks	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
709	PN-II-ID-PCE-2011-3-0697	MIRCIOIU	CONSTANTIN	UNIVERSITATEA DE MEDICINA SI FARMACIE "CAROL DAVILA" BUCURESTI		ESTIMATION OF INTERACTIONS OF DRUGS WITH MEMBRANAR INTERFACES. APPLICATIONS AT DRUGS IMPLICATED IN ARRHYTHMIA, AGGREGATION, COAGULATION AND THROMBOSIS	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
710	PN-II-ID-PCE-2011-3-0281	Frunza	Sandu	Babes-Bolyai University		The Interplay Between Religious Fundamentalism and Applied Ethics. An Interdisciplinary Approach	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education

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711	PN-II-ID-PCE-2011-3-0394	Salat-Zakarias	Levente	Universitatea Babes-Bolyai, Facultatea de Stiinte Politice Administrative si ale Comunicarii, Catedra de Stiinte Politice	Mobilizarea politica a minoritatilor si discursul anti-diversitate in contextul crizei europene a multiculturalismului	Political mobilization of minorities and anti-diversity discourse in the context of the European crisis of multiculturalism	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
712	PN-II-ID-PCE-2011-3-0545	Baniceru	Mihaela	University of Medicine and Pharmacy of Craiova	Cercetări ale interacțiunilor farmacocinetice medicament-medicament prin metode cromatografice	Pharmacokinetic drug-drug interaction studies by chromatographic methods	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
713	PN-II-ID-PCE-2011-3-0455	Paunescu	Virgil	University of Medicine and Pharmacy Victor Babes Timisoara		Tumor-associated fibroblasts as novel therapeutic target in anti-tumor therapy – identification of origin, role and characteristic molecular markers	LS3	Cellular and Developmental Biology: cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals
714	PN-II-ID-PCE-2011-3-0925	Badea	Elena	NATIONAL RESEARCH AND DEVELOPMENT INSTITUTE FOR TEXTILE AND LEATHER-DIVISION LEATHER AND FOOTWEAR RESEARCH INSTITUTE	INVESTIGATII FIZICO-CHIMICE PRIVIND IMPACTUL DE MEDIU SI MODELAREA CARACTERISTICILOR STRUCTURALE ALE MATERIALELOR DE PATRIMONIU PE BAZA DE COLAGEN	PHYSICAL-CHEMICAL INVESTIGATION OF ENVIRONMENTAL IMPACT AND MODULATION OF NANOSTRUCTURAL FEATURES IN HERITAGE COLLAGEN BASED MATERIALS (CHEMCOL)	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
715	PN-II-ID-PCE-2011-3-0140	Bucurescu	Dorel	Horia Hulubei National Institute of Physics and Nuclear Engineering	Spectroscopia unor nuclee atomice mai putin cunoscute	Spectroscopy of some less known atomic nuclei	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
716	PN-II-ID-PCE-2011-3-0696	Pavai	Zoltan	UNIVERSITATEA DE MEDICINA SI FARMACIE TIRGU MURES		Establishing the role of GHRHR expression and XRCC and XPD polymorphism involved in DNA repair in CML and other myelo and lymphoproliferative disease	LS4	Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome

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717	PN-II-ID-PCE-2011-3-0436	Munteanu	Eugen	"Alexandru Ioan Cuza" University	Prima traducere romaneasca a Septuagintei, opera a lui Nicolae Milescu (Ms. 45, BAR Cluj). Editie critica, studii lingvistice si filologice	The first Romanian translation of Septuagint, made by Nicolae Milescu (Ms. 45, BAR Cluj). A critical edition with linguistic and philological studies	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
718	PN-II-ID-PCE-2011-3-0826	NECHIFOR	MIHAI	UNIVERSITY OF MEDICINE AND PHARMACY GRIGORE T POPA IASI	INFLUENTA UNOR CATIONI BIVALENTI ASUPRA NEUROMEDIATORILOR CEREBRALI SI TRANSPORTERILOR DE MAGNEZIU IN DEPENDENTA EXPERIMENTALA DE MORFINA	SOME BIVALENT CATIONS INFLUENCE ON BRAIN NEUROMEDIATORS AND MAGNESIUM TRANSPORTERS IN EXPERIMENTAL MORPHINE INDUCED DEPENDENCE	LS5	Neurosciences and neural disorders: neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological disorders, psychiatry
719	PN-II-ID-PCE-2011-3-0935	BALAN	Marius	Alexandru Ioan Cuza University	Dreptul sub presiunea ideologiei totalitare. Rolul si responsabilitatea juristului in schimbarile de sistem	The Law under Ideological Pressure: The Role and Responsibility of Lawyers in Times of System Changes	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
720	PN-II-ID-PCE-2011-3-0386	Vasile	Mihaela Ionela	National Institute for Research and Development in Electrochemistry and Condensed Matter	Modelare teoretica, obtinerea si caracterizarea nanomaterialelor luminescente de ZnGa2O4 nedopate/dopate cu ioni 3d si 4f pentru optoelectronica	Theoretical modelling, obtaining and characterization of luminescent undoped/doped with 3d and 4f ions ZnGa2O4 nanomaterials for optoelectronics	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
721	PN-II-ID-PCE-2011-3-0664	Gruionu	Gabriel	Universitatea de Medicina si Farmacie din Craiova	Modelarea Biomatematica si Clinica a Modificarilor Vasculare in Urma Chimioterapiei sau/si Terapiei Antio-angiogenice in Cancerul Colorectal Avansat	Clinical and Biomathematical Modeling of Vascular Changes Following Chemotherapy and/or Anti-Angiogenic Therapy in Advanced Colorectal Carcinoma	LS4	Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome
722	PN-II-ID-PCE-2011-3-0643	Georgescu	Serban	National Institute for Laser, Plasma and Radiation Physics	Procese de conversie superioara infrarosu-infrarosu si infrarosu-ultraviolet in fosfori dopati cu pamanturi rare	Infrared-infrared and infrared-ultraviolet upconversion processes in rare-earth doped phosphors	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry

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723	PN-II-ID-PCE-2011-3-0444	Palcu	Adrian	"Aurel Vlaicu" University Arad	ABORDĂRI MODERNE ÎN FIZICA PARTICULELOR: REZULTATE NOI ȘI PERSPECTIVE ÎN ERA LHC	MODERN APPROACHES IN PARTICLE PHYSICS: NEW RESULTS AND PERSPECTIVES IN THE LHC ERA	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
724	PN-II-ID-PCE-2011-3-0411	Marius Traian	Craciun	Universitatea Babes-Bolyai Cluj-Napoca		AN INTERVENTION PROGRAM FOR MORAL DEVELOPMENT IN PHYSICAL EDUCATION CONTEXT	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
725	PN-II-ID-PCE-2011-3-0355	Sandulescu	Robert	Iuliu Hatieganu University of Medicine and Pharmacy	Imunosenzor amperometric pentru biomarkerii cancerului ovarian și uterin	AMPEROMETRIC IMMUNOSENSOR FOR OVARIAN AND UTERINE CANCER BIOMARKERS	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
726	PN-II-ID-PCE-2011-3-0760	Manta	Vasile	"Gheorghe Asachi" Technical University of Iasi	Procesarea cantica a informatiei. Aplicatii ale calculului cuantic in procesarea grafica	Quantum information processing. Applications of quantum computing to computer graphics	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
727	PN-II-ID-PCE-2011-3-0168	Vlassa	Mircea	Babes-Bolyai University		THE USE OF DIHYDROGEN BONDING IN PREPARATION OF COVALENT ORGANIC FRAMEWORKS	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
728	PN-II-ID-PCE-2011-3-0475	Marian	Cojoc	Ovidius University of Constanta	Geopolitica si geoeconomie la frontiera de rasarit a UE. Analiza speciala pentru Dunare si Marea Neagra	Geopolitics and Geo-economics at the Eastern Border of the EU. Special analysis for the Danube and the Black Sea	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
729	PN-II-ID-PCE-2011-3-0868	Dumitriu	Emil	Gheorghe Asachi Technical University of Iasi	O noua abordare pentru prepararea de nanoparticule (bi)metalice nenobile suportate pe silice mezoporoasa ordonata pentru aplicatii catalitice.	New Approach to Prepare Highly Dispersed non-Noble (Bi)metallic Nanoparticles Supported on Ordered Mesoporous Silicas for Catalytic Applications.	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
730	PN-II-ID-PCE-2011-3-0965	Pârvulescu	Viorica	Institute of Physical Chemistry "Ilie Murgulescu", Romanian Academy		Biotemplating synthesis of self-supporting hierarchical zeolite macrostructures for applications in catalysis	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry

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731	PN-II-ID-PCE-2011-3-1003	Tomulescu	Victor	Fundeni clinical Institute		Novel Molecular Approach in Myasthenya Gravis - The Role of TLR4	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
732	PN-II-ID-PCE-2011-3-0906	Pieptu	Dragos	Grigore T Popa University of Medicine and Pharmacy		Preclinical evaluation of innovative therapies for management of the burn wounds	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
733	PN-II-ID-PCE-2011-3-0623	Baibarac	Mihaela	National Institute of Materials Physics		One-dimensional composites based on carbon nanotubes and conjugated polymers for applications in energy storage and optoelectronic devices field	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
734	PN-II-ID-PCE-2011-3-0390	Ciucanu	Ionel	West University of Timisoara	Microextractia cu faza lichida bazat pe o colivie ca support pentru faza de extractie.	Liquid phase microextraction based on a wire cage as support for the extracting phase.	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
735	PN-II-ID-PCE-2011-3-0662	Ioan	Durnescu	University of Bucharest	Convergenta si divergenta in constructia conceptului de munca in folosul comunitatii	Convergence and divergence in the construction of community service	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
736	PN-II-ID-PCE-2011-3-0619	Baltog	Ioan	National Institute of Materials Physics	Procese optice neliniare manifestate ca localizari Anderson de lumina in materiale mesoscopice	Nonlinear optical processes manifesting as Anderson localization of light in mesoscopic materials	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
737	PN-II-ID-PCE-2011-3-0771	Spariosu	Mihai	BABES BOLYAI UNIVERSITY	Coabitare pasnica sau conflict intre civilizatii? Contactele interculturale in epoca globalizarii	Clash of Civilizations or Peaceful Co-Evolution? Intercultural Contact in the Age of Globalization	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology

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738	PN-II-ID-PCE-2011-3-0338	Popa	Monica Mihaela	Institute of Physical Chemistry "Ilie Murgulescu"	Acoperiri multistrat, inovative, rezistente la coroziune pe termen lung in medii chimice agresive, folosind metode verzi pentru reducerea poluarii	Innovative, long term corrosion resistant, multi-layer coatings in very aggressive chemical environments, using green methods for pollution reduction	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
739	PN-II-ID-PCE-2011-3-0216	Zait	Dumitru	Alexandru Ioan Cuza University Iasi	Mecanisme creative de inovare interorganizationala aplicate in managementul si cercetarea de intreprindere - model integrator	Creative inter-organizational innovation mechanisms applied in the company's management and research – integrative model	SH1	Individuals, institutions and markets: economics, finance and management
740	PN-II-ID-PCE-2011-3-0459	Miu	Lucica	National Institute of Materials Physics	Paradigme ale dinamicii vortexurilor in supraconductorii cu temperatura critica ridicata si exotici	Paradigms of the vortex dynamics in high-temperature- and exotic superconductors	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
741	PN-II-ID-PCE-2011-3-1009	Galatanu	Andrei	National Institute of Materials Physics		Thermoelectric composite based on strongly correlated electron systems	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
742	PN-II-ID-PCE-2011-3-0818	Simon	Alexandru	Romanian Academy, Center for Transylvanian Studies	Cruciatii de rit grec ai Romei: Cruciada Tarzie in documente din Arhiva de Stat de la Milano (anii 1440-1540)	The Greek Rite Crusaders of Rome: The Later Crusades in Documents from the State Archives of Milan (1440s-1540s)	SH6	The study of the human past: archaeology, history and memory
743	PN-II-ID-PCE-2011-3-0476	Murgescu	Bogdan-Costin	University of Bucharest	Planificare economica, învățământ superior și acumularea capitalului uman în România în timpul regimului comunist (1948-1989)	Economic Planning, Higher Education, and the Accumulation of Human Capital in Romania during Communism (1948-1989)	SH6	The study of the human past: archaeology, history and memory
744	PN-II-ID-PCE-2011-3-0510	Calderon Moreno	Jose	Institute of Physical Chemistry "Ilie Murgulescu"	Procesarea avansată în soluție, inovativă, rapidă a suprafeței unui nou bioalaj pentru îmbunătățirea interacțiilor sale cu fluide umane	Rapid, innovative, soft-solution advanced processing of a new bioalloy surface for the improvement of its interactions with human fluids	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics

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745	PN-II-ID-PCE-2011-3-0602	Anghel	Remus Gabriel	Babeş Bolyai University, Faculty of Political Science, Administration and Communication, Political Science Department	Recuperand vocea migrantilor. Perspective locale asupra migratiei, dezvoltarii si schimbarii sociale din Romania	Recasting Migrants' Voices. Local Perspectives on Migration, Development, and Social Change in Romania	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
746	PN-II-ID-PCE-2011-3-0941	Creanga	Dorina-Emilia	Universitatea "Alexandru Ioan Cuza" din Iaşi	Studiu experimental privind impactul unor factori fizici: doze mici de radiatii, descarcari electrice, nanoparticule asupra plantelor si bacteriilor	Experimental study on the impact of some physical factors: low-dose radiation, electric discharges, nanoparticulate matter, in plants and bacteria	LS8	Evolutionary, population and environmental biology: evolution, ecology, animal behaviour, population biology, biodiversity, biogeography, marine biology,eco-toxicology, prokaryotic biology
747	PN-II-ID-PCE-2011-3-0791	Vinereanu	Dragos	University of Medicine and Pharmacy Carol Davila	SCORURI DIAGNOSTICE SI PROGNOSTICE PENTRU DISFUNCTIA CARDIACA SUBCLINICA INDUSA DE TERAPIA CU TAXANI LA PACIENTELE CU CANCER DE SAN	DIAGNOSIS AND PREDICTION OF SUBCLINICAL CARDIAC DYSFUNCTION INDUCED BY THERAPY WITH TAXANES IN PATIENTS WITH BREAST CANCER	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine,regenerative medicine, medical ethics
748	PN-II-ID-PCE-2011-3-0617	Simona	Modreanu	Universitatea Alexandru Ioan Cuza din Iasi	Spatiu identitar in literatura francofona contemporana	L'Espace identitaire dans la litterature francophone contemporaine	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
749	PN-II-ID-PCE-2011-3-0870	marius	bulearca	center for industry and services economy		DEVELOPMENT AND IMPLEMENTATION OF A HEURISTIC SYSTEM DESIGNED TO INCREASE THE ECONOMIC COMPETITIVENESS OF FINAL ENERGY USERS	SH1	Individuals, institutions and markets: economics, finance and management
750	PN-II-ID-PCE-2011-3-0532	BERBEC	NICOLETA	UNIVERSITATEA DE MEDICINA SI FARMACIE "CAROL DAVILA"	Studii imunologice si de biologie moleculara in limfoproliferari acute cu identificarea unor noi factori de prognostic si noi tinte terapeutice	Immunological and molecular biology studies in acute lymphoproliferations with identification of new prognosis factors and new therapeutic target	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction

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751	PN-II-ID-PCE-2011-3-0613	Lazăr	Iuliana Mihaela	"Vasile Alecsandri" University of Bacau		Microelectrode array for bioparticles' dielectrophoretic trapping	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
752	PN-II-ID-PCE-2011-3-0758	MOCANU	VERONICA	Grigore T Popa University of Medicine and Pharmacy Iasi	Efectele polimorfismelor mononucleotidice asupra activitatii si expresiei receptorului vitaminei D (VDR) în țesutul adipos	EFFECTS OF SINGLE NUCLEOTIDE POLYMORPHISMS ON VITAMIN D RECEPTOR (VDR) ACTIVITY AND EXPRESSION IN ADIPOSE TISSUE	LS2	Genetics, Genomics, Bioinformatics and Systems Biology: genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics, metabolomics, bioinformatics, computational biology, biostatistics, biological modelling and simulation, system
753	PN-II-ID-PCE-2011-3-0804	Singer	Florence Mihaela	Universitatea Petrol-Gaze din Ploiesti		INTEGRATING COMPLEXITY AND ABSTRACTION: THE HUMAN MIND MECHANISMS FOR KNOWLEDGE DEVELOPMENT	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
754	PN-II-ID-PCE-2011-3-1015	Balasescu	Adrian Cornel	National History Museum of Romania		Re-constructing the identities: facts, places, peoples, animals and objects of the invisible past	SH6	The study of the human past: archaeology, history and memory
755	PN-II-ID-PCE-2011-3-0836	Chiorean	Cosmin-Gruia	Universitatea Tehnica din Cluj-Napoca	Analiza prabusirii progresive a structurilor in cadre spatiale sub actiunea concomitenta a exploziilor si focului	Progressive collapse analysis of 3D frame structures subjected to explosion load followed by fire attack	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
756	PN-II-ID-PCE-2011-3-0723	Paltanea	Eugen	Universitatea Transilvania din Brasov	Ordonari stocastice cu aplicatii in fiabilitate si analiza riscului	Stochastic orders with applications in reliability and risk analysis	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics

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757	PN-II-ID-PCE-2011-3-0217	Ducea	Mihai	University of Bucharest		Four-dimensional global evolution of magmatic arcs and the arclogite model for the origin of continents	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
758	PN-II-ID-PCE-2011-3-0996	Dorneanu	Sorin-Aurel	Universitatea Babes-Bolyai	Sistem de senzori pentru detectia electrochimica a unor aditivi potential periculosi din alimente pe baza de carne	Sensors system for electrochemical detection of some potential dangerous additives in meat based aliments	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
759	PN-II-ID-PCE-2011-3-0663	CATALINA	Tiberiu	Technical University of Civil Engineering Bucharest		Radiant Cooling Systems: Experimental and numerical analysis of thermal performance and condensation risk	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
760	PN-II-ID-PCE-2011-3-0240	Barborica	Andrei	University of Bucharest, Physics Department, Electricity, Solid State and Biophysics Section		Single-unit dynamics in the epileptic foci in patients with temporal lobe epilepsy	LS5	Neurosciences and neural disorders: neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological disorders, psychiatry
761	PN-II-ID-PCE-2011-3-0582	Manea	Florica	Politehnica University of Timisoara		Nano-enhanced electrochemical green technology for advanced integrated water treatment and quality control	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
762	PN-II-ID-PCE-2011-3-0203	JIPA	ALEXANDRU	University of Bucharest, Faculty of Physics	Investigarea formarii plasmei de cuarci si gluoni si a procesului de "inghet" in ciocniri nucleu-nucleu si proton-proton la energii relativiste	Investigation of the quark-gluon plasma formation and the freeze-out process in relativistic nucleus-nucleus and proton-proton collisions	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics

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763	PN-II-ID-PCE-2011-3-0719	Jalobeanu	Dana	University of Bucharest	De la istoria naturala la stiinta moderna: nasterea filosofiei experimentale	From natural history to science: the emergence of experimental philosophy	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
764	PN-II-ID-PCE-2011-3-0201	BUSE	CONSTANTIN	WEST UNIVERSITY OF TIMISOARA	Comportari asimptotice ale solutiilor unor ecuatii de evolutie in spatii abstracte si aplicatii in teoria moderna a sistemelor cu control	Asymptotic behavior of solutions of some evolution equations in abstract spaces and applications to the modern theory of systems with control	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
765	PN-II-ID-PCE-2011-3-0930	PRICOPIE	Valentina	Institute of Sociology Bucharest		The Others of Europe. Social, political and cultural pathologies acting in the emerging European public sphere	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
766	PN-II-ID-PCE-2011-3-0178	Gheorghe	BRABIE	University Vasile Alecsandri of Bacau	FACTORI DE INFLUENTA, MODELAREA FENOMENELOR SPECIFICE SI OPTIMIZAREA PROCESULUI DE MICRO/MILLI AMBUTISARE A TABLELOR METALICE CU GROSIMI SUB 0.2mm	INFLUENCE FACTORS, MODELLING OF SPECIFIC PHENOMENA AND OPTIMIZATION OF MICRO/MILLI DEEP DRAWING PROCESS OF METAL SHEETS WITH A THICKNESS UNDER 0.2mm	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
767	PN-II-ID-PCE-2011-3-0418	Pantelica	Dan-Emanoil	Horia Hulubei National Institute of Physics and Nuclear Engineering, IFIN-HH	Studiul coexistentei de forma in vecinatatea intervalului de paturi cu N=38	Study of the shape coexistence near the N=38 shell gap	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
768	PN-II-ID-PCE-2011-3-0163	SACARESCU	LIVIU	Petru Poni Institute of Macromolecular Chemistry	PRECURSOR MACROMOLECULAR PENTRU NANOPARTICULE DE SILICIU (NANOSIL)	MACROMOLECULAR PRECURSOR FOR SILICON NANOPARTICLES (NANOSIL)	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry

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769	PN-II-ID-PCE-2011-3-0839	Epurescu	George	National Institute for Lasers, Plasma and Radiation Physics		Doping of MgZnO thin films alloys for band gap engineering	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
770	PN-II-ID-PCE-2011-3-0368	Petrovici	Mihai	"Horia Hulubei" National Institute of R&D for Physics and Nuclear Engineering	Studiul posibilitatii evidentierii fenomenelor de tip colectiv in ciocnirile p+p la energiile LHC	Search for collective type phenomena in p+p collisions at LHC energies	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
771	PN-II-ID-PCE-2011-3-0481	Boari	Vasile	UNIVERSITATEA BABEȘ BOLYAI	Religie și democrație în Europa: o perspectivă comparată	Religion and Democracy in Europe: A Comparative Perspective	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
772	PN-II-ID-PCE-2011-3-0259	Grigore	Radu-Dan	Horia Hulubei National Institute of Physics and Nuclear Engineering	Metode algebrice si combinatorice aplicate in mecanica cuantica si gravitatiea cuantica	Algebraic and combinatorial methods applied in quantum mechanics and quantum gravity	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
773	PN-II-ID-PCE-2011-3-0185	Mureseanu	Mihaela	UNIVERSITY OF CRAIOVA	Materiale nanostructurate avansate cu aplicatii in depoluarea mediului si procese "curate"	ADVANCED NANOSTRUCTURED MATERIALS FOR ENVIRONMENTAL REMEDIATION AND GREEN PROCESSES	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
774	PN-II-ID-PCE-2011-3-0356	Borcia	Gabriela	Universitatea "Alexandru Ioan Cuza" din Iasi	Suprafete polimere functionale cu proprietati selectate si dinamica post-tratament controlata	Functional polymer surfaces with selected properties and controlled post-treatment dynamics	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
775	PN-II-ID-PCE-2011-3-0807	Letia	Ioan Alfred	Technical University of Cluj-Napoca	Justificarea rationarii si a comportamentului agentilor in sisteme normative	Justified Reasoning and Agent Behavior in Normative Systems	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
776	PN-II-ID-PCE-2011-3-0273	Dabu	Razvan	Institutul National de Cercetare Dezvoltare pentru Fizica Laserilor, Plasmei si Radiatiei		High contrast terawatt laser pulses by cross-polarized wave generation and optical parametric chirped pulse amplification	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics

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777	PN-II-ID-PCE-2011-3-0325	Nicolae	Bocsan	"Babes-Bolyai" University	Sub semnul interferențelor: Italia și românii transilvăneni(1848-1914)	Under the Sign of Interferences: Italy and Transylvanian Romanians (1848-1914)	SH6	The study of the human past: archaeology, history and memory
778	PN-II-ID-PCE-2011-3-0598	Marin	Constantin	Institutul de Speologie Emil Racovita	Procese geochemice carora li s-ar putea datora amprentele anormale detectate in ape subterane cu ocazia unor cutremure vrâncene semnificative (M≥5,5)	Geochemical processes possibly involved in the anomalous groundwater signatures detected on occurrence of significant (M ≥ 5.5) Vrancea earthquakes	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
779	PN-II-ID-PCE-2011-3-0914	GHEORGHIU	EUGEN	INTERNATIONAL CENTRE OF BIODYNAMICS		NOVEL PLATFORM FOR ELECTRO-OPTICAL INVESTIGATION OF LIVING CELLS - NEOINCELL	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
780	PN-II-ID-PCE-2011-3-0302	Teodor	Virgil Gabriel	"Dunarea de Jos" University of Galati	Teorie si metoda generala pentru generarea reprezentarii numerice a sculei ca model deformabil termomecanic pentru compensarea erorilor suprafetelor	General Theory and Method for Generation of Numerical Represented Tools as Thermo Mechanical Deformable Models for Compensating the Surfaces Errors	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
781	PN-II-ID-PCE-2011-3-0154	Carja	Ovidiu	Universitatea "Alexandru Ioan Cuza" din Iași	Proprietati calitative ale multimii solutiilor incluziunilor diferentiale	Qualitative properties of the solution set of differential inclusions	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
782	PN-II-ID-PCE-2011-3-0180	Filip	Daniela	Petru Poni Institute of Macromolecular Chemistry	Poliuretani in sisteme micelare complexe pentru incorporare de principii active	Polyurethanes in complex micellar systems for drug incorporation	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
783	PN-II-ID-PCE-2011-3-0820	Bostan	Marinela	STEFAN S. NICOLAU INSTITUTE OF VIROLOGY	Elaborarea de strategii moleculare pentru blocarea proceselor cancerigene prin modularea căilor de semnalizare intracelulară ale MAP-Kinazelor	Developing molecular strategies to block carcinogenic processes by modulation of intracellular Mitogen-Activated Protein Kinases signaling pathways	LS3	Cellular and Developmental Biology: cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals

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784	PN-II-ID-PCE-2011-3-0149	Negret	Alexandru	Horia Hulubei National Institute for Physics and Nuclear Engineering	Masuratori de mare precizie de sectiuni neutronice inelastice pe nuclee usoare si medii	High precision measurements of neutron inelastic cross sections for light and medium nuclei	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
785	PN-II-ID-PCE-2011-3-0564	Catas	Adriana	Universitatea din Oradea		MODERN METHODS IN GEOMETRIC FUNCTION THEORY	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
786	PN-II-ID-PCE-2011-3-0672	Sfichi	Liliana	Universitatea de Stiinte Agricole si Medicina Veterinara "Ion Ionescu de la Brad" Iasi	Efecte moleculare, biochimice și funcționale ale poliaminelor asupra transducerii semnalelor din plastide ce afectează expresia genică în fotoadaptare	Molecular, biochemical and functional effects of polyamines on the transduction of plastid signals affecting gene expression during photoadaptation	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction
787	PN-II-ID-PCE-2011-3-0169	Postolache	Cristian	National Research Institute for Physics and Nuclear Engineering "Horia Hulubei"	Evaluarea efectului tritiului in structuri macromoleculare utilizand metode experimentale si computationale	Evaluation of tritium effects in macromolecular structures using experimental and computational chemistry methods	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
788	PN-II-ID-PCE-2011-3-0916	Anghel	Dan-Florin	Institutul de Chimie Fizica "Ilie Murgulescu" al Academiei Romane	Investigarea sistemelor coloidale micro- si nanostructurate cu ajutorul polimerilor grefati cu fluorofori si sondelor fluorescente	Investigating micro- and nanostructured colloidal systems by fluorescently labeled polymers and probes	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
789	PN-II-ID-PCE-2011-3-0326	Martin	Diana	National Institute for Laser, Plasma and Radiation Physics	Sinteza nanoparticulelor in scopuri dozimetrice prin iradieri combinate cu fascicule de electroni, microunde si pulsuri laser de pico/femtosecunde	Nanoparticles synthesis for dosimetric purposes by combined electron beams, 2.45 GHz microwaves and picosecond/femtosecond laser pulses	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
790	PN-II-ID-PCE-2011-3-0735	MIHAILESCU	Ion N.	National Institute for Lasers, Plasma and Radiation Physics	Nano-senzori multiparametrici de oxizi metalici obtinuti prin tehnologii avansate	Multi-parameter nanosensors synthesized by advanced metal oxide technologies	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry

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791	PN-II-ID-PCE-2011-3-0934	Dogaru	Dana Janetta	Lucian-Bloga-Universitat Hermannstadt/Sibiu	Documente germane de cancelarie n patrimoniul arhivistic transilvanean – Colectare, editare, caracteristici semantice i morfosintactice	German Documents of Cities' Administration in Transylvanian Archives – Collection, philological edition, semantic and morphosyntactic characteristics	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
792	PN-II-ID-PCE-2011-3-0170	Venczel	Marton	Muzeul Țării Crișurilor		Late Neogene - early Quaternary extinction of amphibians from the Pannonian basin	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
793	PN-II-ID-PCE-2011-3-0167	Seghedi	Ioan	Institute of Geodynamics of Romanian Academy	SeminificaȚia geodinamica a rocilor magmatice Neogene cu granaȚi din CarpaȚii Orientali i MunȚii Apuseni (Romania)	The geodynamic significance of Neogene garnet-bearing magmatic rocks in the East Carpathians and Apuseni Mountains (Romania)	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
794	PN-II-ID-PCE-2011-3-0679	Toader	Tudorel	Universitatea "Alexandru Ioan Cuza" din Iasi	ProtecȚia juridica penala a intereselor financiare ale Uniunii Europene. Studiu de drept comparat	Criminal legal protection of EU financial interests. Comparative Law Study	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
795	PN-II-ID-PCE-2011-3-0528	Simion	Alina Marieta	Universitatea Politehnica Bucuresti	Sinteze eco-friendly de aza-derivaȚi	Eco-friendly aza-compounds syntheses	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
796	PN-II-ID-PCE-2011-3-0181	Macocinschi	Doina	Petru Poni Institute of Macromolecular Chemistry	Membrane microporoase poliuretanice cu aplicaȚii biomedicale	Polyurethane microporous membranes for biomedical applications	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry

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797	PN-II-ID-PCE-2011-3-0797	Pop	Doru Aurel	Babeş-Bolyai University		Cinema and Film Studies in Contemporary Romanian Visual Culture	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
798	PN-II-ID-PCE-2011-3-0200	Vlasiu	Ioana Maria	Institutul de istoria artei George Oprescu		"The Saint of Montparnasse" Between Document and Myth: a Century of Brancusian Exegesis.	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
799	PN-II-ID-PCE-2011-3-0949	Dumitrascu	Nicoleta-Viorica	ALEXANDRU IOAN CUZA UNIVERSITY OF IASI	Procesarea cu plasma a suprafetei biomaterialelor pentru studii in vitro de motilitate si adeziune celulara	Biomaterial surfaces designed by gas plasma processing for in vitro studies on cells adhesion and motility	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
800	PN-II-ID-PCE-2011-3-0197	Brusanowski	Paul Lucian	Universitatea Lucian Blaga Sibiu	ROMANII IN EUROPA. INSTITUTII SI REELE INSTITUTIONALE ALE EMIGRATIEI ROMANESTI IN EUROPA DE VEST	ROMANIANS IN EUROPE. INSTITUTIONS AND INSTITUTIONAL NETWORKS OF ROMANIAN EMIGRATION IN WESTERN EUROPE	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
801	PN-II-ID-PCE-2011-3-0704	Popa	Dorian	Universitatea Tehnica Cluj Napoca	Stabilitate Hyers-Ulam si stabilitate asimptotica pentru operatori si ecuatii functionale	Hyers-Ulam stability and asymptotic stability for operators and functional equations	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
802	PN-II-ID-PCE-2011-3-0256	Vacaru	Sergiu	Universitatea "Alexandru Ioan Cuza" Iasi	Metode Geometrice in Gravitatie si Dinamica Nelineara	Geometric Methods in Gravity and Nonlinear Dynamics	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
803	PN-II-ID-PCE-2011-3-0743	Szedlacsek	Stefan Eugen	INSTITUTE OF BIOCHEMISTRY OF THE ROMANIAN ACADEMY	RECONSTRUCTIA DOMENIULUI CATALITIC ANCESTRAL AL PROTEIN TIROZIN FOSFATAZELOR RECEPTOARE	RECONSTRUCTION OF AN ANCESTOR OF RECEPTOR PROTEIN TYROSINE PHOSPHATASE CATALYTIC DOMAIN	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation

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804	PN-II-ID-PCE-2011-3-0425	Kuncser	Victor Eugen	National Institute of Materials Physics		Advanced approach of magnetic relaxation	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
805	PN-II-ID-PCE-2011-3-0975	CODESCU	Mirela - Maria	National Institute for Research and Development in Electrical Engineering ICPE-CA	Compozite cu matrice metalica nanostructurata ranforsata cu nanotuburi de carbon	Nanostructured METal matrix composites reinforced with carbon nanotubes	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
806	PN-II-ID-PCE-2011-3-1017	Morjan	Ion	National Institute for Laser, Plasma and Radiation Physics	SINTEZA DE NANOTUBURILOR DE CARBON CU UN SINGUR PERETE PURE PRINTR-O TEHNICA NOUA BAZATA PE ABLATIE LASER	NOVEL LASER ABLATION-ASSISTED TECHNIQUE FOR PURE SINGLE-WALLED CARBON NANOTUBE SYNTHESIS	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
807	PN-II-ID-PCE-2011-3-0267	Horga	Ioan	University of Oradea	Impactul frontierelor Europene asupra prioritatilor politice ale EU si preferintelor nationale	Impact of European Frontiers on the EU Political Priorities and National Preferences	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
808	PN-II-ID-PCE-2011-3-1035	Poede	George	"Alexandru Ioan Cuza" University Iasi	Modernizare si cultura politica in societatea romaneasca (1848-1948). Analiza tipologica si factuala a societatilor periferice	Modernization and political culture in the Romanian society (1848-1948). Typological and factual analysis of peripheral societies	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
809	PN-II-ID-PCE-2011-3-0303	Magdas	Dana Alina	NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT OF ISOTOPIC AND MOLECULAR TECHNOLOGIES		Authenticity control and origin determination of Romanian milk and meat products using IRMS and trace elements content	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation

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810	PN-II-ID-PCE-2011-3-0548	Simionescu	Maya	INSTITUTE OF CELLULAR BIOLOGY AND PATHOLOGY NICOLAE SIMIONESCU		Molecular regulation of oxidative stress in atherosclerosis: development of an innovative nanocarrier-based antioxidant therapy	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction
811	PN-II-ID-PCE-2011-3-0576	Chifiriuc	Mariana Carmen	University of Bucharest, Faculty of Biology		Effects of P. aeruginosa quorum sensing molecules on Drosophila genome: a new tool to identify candidate genes involved in host-pathogen crosstalk	LS2	Genetics, Genomics, Bioinformatics and Systems Biology: genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics, metabolomics, bioinformatics, computational biology, biostatistics, biological modelling and simulation, system
812	PN-II-ID-PCE-2011-3-0276	Surpateanu	Gheorghe	"Vasile Alecsandri" University of Bacau		Rehabilitation eco-technologies for soils polluted with organic and inorganic toxic compounds	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
813	PN-II-ID-PCE-2011-3-0535	Ionescu	Anca-Luiza	University Politehnica of Bucharest	Materiale soft ordonate pentru imbunatatirea eficientei celulelor solare sensibilizate cu coloranti	Ordered Soft Materials to Improve Dye-sensitized Solar Cells' Efficiency	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
814	PN-II-ID-PCE-2011-3-0477	Andruh	Marius	University of Bucharest		Coordination polymers and molecular nano-objects as multifunctional materials	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry

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815	PN-II-ID-PCE-2011-3-0262	Demetrescu	Crisan	Institute of Geodynamics Sabba S. Stefanescu al Academiei Romane		The geomagnetic field under the heliospheric forcing. Inferring Earth internal structure and evaluating geophysical hazard of solar eruptive phenomena	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
816	PN-II-ID-PCE-2011-3-0239	Marinca	Vasile	Universitatea Politehnica Timisoara		New optimal analytical techniques applied in the study of nonlinear problems in mechanical engineering	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
817	PN-II-ID-PCE-2011-3-0887	Grigorie	Teodor Lucian	University of Craiova	Micro si nano senzori inteligenti, de precizie ridicata, pentru aplicatii de navigatie inertiala	High-precision micro and nano smart sensors for inertial navigation applications	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
818	PN-II-ID-PCE-2011-3-0967	Rotaru	Petre	University of Craiova	Proprietăți termofizice și procesarea unor materiale biocompatibile și biologic active pentru îmbunătățirea implanturilor osoase	Thermophysical properties and processing of biocompatible and biologically active materials for enhancing bone implants	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
819	PN-II-ID-PCE-2011-3-0209	Marcu	Loredana	University of Oradea		The modelling of radiobiological processes in hypoxic tumours towards an individualized treatment protocol.	LS2	Genetics, Genomics, Bioinformatics and Systems Biology: genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics, metabolomics, bioinformatics, computational biology, biostatistics, biological modelling and simulation, system

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820	PN-II-ID-PCE-2011-3-0865	Stefanut	Sorin	Institute of Biology Bucharest	DEZVOLTAREA UNUI MODEL INTEGRAT DE MONITORIZARE A IMPACTULUI SCHIMBARILOR CLIMATICE ASUPRA FLOREI SI VEGETATIEI ALPINE DIN ROMANIA	DEVELOPING AN INTEGRATED ASSESSMENT MODEL FOR CLIMATE CHANGES IMPACTS UPON ROMANIAN'S ALPINE FLORA AND VEGETATION	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
821	PN-II-ID-PCE-2011-3-0842	Barbulescu	Iordan Gheorghe	Școala Națională de Studii Politice și Administrative	Europenizarea Parlamentului României. Implicații ale Tratatului de la Lisabona	The Europeanization of the Romanian Parliament. Implications of the Lisbon Treaty	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
822	PN-II-ID-PCE-2011-3-0990	Sima	Octavian	University of Bucharest	Studiul radiatiilor cosmice in regiunea de energie comuna experimentelor KASCADE-Grande si Pierre Auger	Study of cosmic rays in the overlapping energy range of KASCADE-Grande and Pierre Auger experiments	PE9	Universe sciences: astro-physics/chemistry/biology; solar system; stellar, galactic and extragalactic astronomy, planetary systems, cosmology; space science, instrumentation
823	PN-II-ID-PCE-2011-3-0647	COVLEA	VANIA	University of Bucharest, Faculty of Physics	Conexiuni intre plasmale clasice si plasma de cuarci si gluoni in experimental CBM (Compressed Baryonic Matter), FAIR	Connections between classical plasmas and quark-gluon plasma in CBM (Compressed Baryonic Matter) experiment, FAIR	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
824	PN-II-ID-PCE-2011-3-0287	Pintilie	Ioana	National Institute of Materials Physics		Comprehensive Investigation on Bulk Radiation Damage in Defect Engineered Silicon - from Point Defects to Clusters	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
825	PN-II-ID-PCE-2011-3-0786	Mindrescu	Marcel	UNIVERSITATEA STEFAN CEL MARE SUCEAVA	INVESTIGATII COMPLEXE ASUPRA SEDIMENTELOR DIN LACURILE GLACIARE PENTRU RECONSTITUIREA SCHIMBARILOR DE MEDIU SI A IMPACTULUI ANTROPIC DIN CARPATI	ASSESSING THE POTENTIAL OF DEPOSITIONAL RECORDS IN GLACIAL LAKES OF ENVIRONMENTAL CHANGES AND HUMAN-INDUCED ENVIRONMENTAL IMPACTS IN THE CARPATHIANS	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
826	PN-II-ID-PCE-2011-3-0366	SARBU	COSTEL	UNIVERSITATEA BABES-BOLYAI	Evaluarea comprehensiva a lipofilitatii si activitatii redox a aminelor biologice si a compusilor inruditi	Comprehensive evaluation of redox activity and lipophilicity for biogenic amines and related compounds	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics

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827	PN-II-ID-PCE-2011-3-0252	Mariella	Constantinescu	Institutul de Chimie Fizica "Ilie Murgulescu" al Academiei Romane		Analysis by experiments and simulation of the solar technologies based on innovative PCM, adaptive systems integrated into NearlyZeroEnergyBuildings	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
828	PN-II-ID-PCE-2011-3-0769	popescu	irinel	INSTITUTUL CLINIC FUNDENI	METODE INOVATIVE DE REDUCERE A STRESULUI OXIDATIV LA NIVEL MOLECULAR SI CELULAR, CU APLICATII IN MEDICINA REGENERATIVA	A NOVEL APPROACH TO REDUCE OXIDATIVE STRESS AT MOLECULAR AND CELLULAR LEVEL WITH APPLICATIONS IN REGENERATIVE MEDICINE	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
829	PN-II-ID-PCE-2011-3-0871	Ispas	Cornelia-Sabina	"Constantin Brailoiu" Institute of Ethnography and Folklore, Romanian Academy	Restituirea memoriei culturale - Insula Ada-Kaleh (AKA)	Restoration of cultural memory - Ada-Kaleh island (AKA)	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
830	PN-II-ID-PCE-2011-3-0471	Arsene	Cecilia	Alexandru Ioan Cuza University of Iasi		Evaluation of Volatile Organics in the Lower/Upper Troposphere - their Impact on the Oxidizing, Noxious and Aerosol Influx Capacity in Romania	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
831	PN-II-ID-PCE-2011-3-0404	Valeanu	Mihaela	National Institute of Materials Physics	Noi alaje feromagnetice cu memorie de forma	New tuned Ferromagnetic Shape Memory Alloys	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
832	PN-II-ID-PCE-2011-3-0767	Pintea	Cornel-Sebastian	"Babes-Bolyai" University	MARIMEA UNOR MULTIMI PREIMAGINE. MULTIMI CRITICE, MULTIMI CARACTERISTICE. PROBLEME CONEXE	THE SIZE OF VARIOUS INVERSE IMAGE SETS. CRITICAL SETS, CHARACTERISTIC SETS. RELATED PROBLEMS	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics

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833	PN-II-ID-PCE-2011-3-0396	Galeriu	Dan	"Horia Hulubei" National Institute of Physics and Nuclear Engineering	Abordare interdisciplinara a modelarii dinamice a transferului tritiului in plante agricole	Interdisciplinary approach for dynamic modelling of tritium transfer in crops	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
834	PN-II-ID-PCE-2011-3-0377	URSUTIU	Doru	University "Transilvania" of Brasov, Romania		NEW APPROACH OF THE WEB LEARNING ENVIRONMENT WITH THE REMOTE EXPERIMENT INTEGRATION"	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
835	PN-II-ID-PCE-2011-3-1001	Badica	Petre	National Institute of Materials Physics		Spark plasma sintering for synthesis of refined advanced composite ceramics	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
836	PN-II-ID-PCE-2011-3-0866	Branzoi	Florina	Institute of Physical Chemistry Ilie Murgulescu, Romanian Academy	Biomateriale noi prin alierea Zr cu elemente non-alergenice si utilizarea eficienta a aliajelor conventionale prin tratamente moderne de suprafata	Development of new biomaterials by alloying Zr with non-allergenic elements and the efficient use of conventional alloys by modern surface treatments	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
837	PN-II-ID-PCE-2011-3-0456	Marsavina	Liviu	UNIVERSITATEA POLITEHNICA din TIMISOARA	Modelarea micro-mecanica a comportarii la rupere si degradare a materialelor celulare	Micro-mechanical modelling of cellular materials with refinements on fracture and damage	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
838	PN-II-ID-PCE-2011-3-0223	Garea	Sorina Alexandra	University POLITEHNICA of Bucharest		New polybenzoxazine-based nanohybrids	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry

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839	PN-II-ID-PCE-2011-3-0222	Iovu	Horia	University POLITEHNICA of Bucharest		PEG-coated drug-modified carbon nanotubes for targeted controlled delivery	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
840	PN-II-ID-PCE-2011-3-1080	Constantin	Schifirnet	Scoala Nationala de Studii Politice si Administrative		The coverage of EU-related issues in mass media and their impact on public opinion formation in the context of tendential modernity	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
841	PN-II-ID-PCE-2011-3-0482	Curseu	Petru Lucian	SC COGNITROM SRL	O arhitectura cognitiva pentru grupurile sociale: Dezvoltare si validare	A cognitive architecture for social groups: Further development and validation	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
842	PN-II-ID-PCE-2011-3-0721	Pintea	Adela Mariana	University of Agricultural Sciences and Veterinary Medicine	Efectul esterificarii asupra stabilitatii si capacitatii antioxidante a xantofilelor - de la sisteme model la alimente	Effect of esterification on the stability and antioxidant capacity of xanthophylls – from model systems to food systems	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
843	PN-II-ID-PCE-2011-3-0486	Burlica	Radu	"Gheorghe Asachi" Technical University of Iasi	Eliminarea si valorificarea superioara a compusilor organici din apa	Elimination and superior utilization of organic pollutants in water	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
844	PN-II-ID-PCE-2011-3-0877	Gafton	Alexandru	Universitatea "Alexandru Ioan Cuza" din Iasi	Corpus electronic al textelor românești vechi (1521-1640)(CETRV)	Electronic Corpus of the Ancient Romanian (1521-1640)(CETRV)	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies

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845	PN-II-ID-PCE-2011-3-0492	Negroiu	Gabriela	Institute of Biochemistry of the Romanian Academy	Studiul antigenului de melanom Tyrosinase Related Protein2 in progresia metastatica-possible implicatii in diagnosticul si terapia melanomului malign	Study of melanoma antigen Tyrosinase Related Protein-2 in metastatic progression-possible implications in diagnosis and therapy of malignant melanoma	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction
846	PN-II-ID-PCE-2011-3-0346	Diudea	Mircea Vasile	Babes-Bolyai University		Dendrimer-carbon nanostructure conjugates as drug delivery support	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
847	PN-II-ID-PCE-2011-3-0858	BELLALAH	Mondher	Financial and Banking University Universitatea Financiar Bancara	Ajustarea criteriilor de convergenta din perspectiva crearii de indicatori compoziti inovativi si a utilizarii de contracte cu optiuni asociate	The adjustment of the convergence criteria in the light of innovative composite indicators creation and the use of associate options contracts	SH1	Individuals, institutions and markets: economics, finance and management
848	PN-II-ID-PCE-2011-3-0651	Rusti	Doina	Hyperion University	Psihologia actului comic	The Psychology of the Comic Act	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
849	PN-II-ID-PCE-2011-3-1040	Munteanu	Maria Ana	Universitatea Ovidius Constanta	Strategii de mediatizare a cunoasterii relevante pentru dezvoltarea durabila a regiunii de Sud-Est a Romaniei si constientizare publica	Media strategies of dissemination relevant knowledge for sustainable regional development in south-eastern Romania increasing public awareness	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
850	PN-II-ID-PCE-2011-3-0903	Mozos	Ioana-Monica	University of Medicine and Pharmacy Victor Babes	Riscul de aritmii ventriculare in afectiunile cardiace si extracardiace	Ventricular arrhythmia risk in cardiac and extracardiac diseases	LS4	Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome
851	PN-II-ID-PCE-2011-3-0245	Gheorghiu	Dragos	National University of Arts from Bucharest	Hartile Timpului. Comunitati reale-Lumi Virtuale-Trecuturi experimentate	The Maps of Time. Real communities-Virtual worlds-Experimented Pasts	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies

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852	PN-II-ID-PCE-2011-3-1002	Zaharia	Razvan	Academia de Studii Economice din Bucuresti	Elaborarea unui model conceptual de analiza privind influenta marketingului politic asupra democratiei	Designing a Conceptual Model of Analysis Regarding the Influence of Political Marketing on Democracy	SH1	Individuals, institutions and markets: economics, finance and management
853	PN-II-ID-PCE-2011-3-0530	STANCU	Stelian	ACADEMY OF ECONOMIC STUDIES BUCHAREST	MODEL OPERATIONAL DE MASURARE A CORELATIEI DINTRE BALANTA COMERCIALA, ISD, CURSUL DE SCHIMB SI CRESTEREA ECONOMICA, UTILIZAND TEHNICI ECONOMETRICE.	OPERATIONAL MEASUREMENT MODEL OF THE CORRELATION BETWEEN THE TRADE BALANCE, ISD, EXCHANGE RATE AND ECONOMIC GROWTH, USING ECONOMETRIC TECHNIQUES.	SH1	Individuals, institutions and markets: economics, finance and management
854	PN-II-ID-PCE-2011-3-0668	Ianculescu	Adelina - Carmen	"Politehnica" University Bucharest	Efecte dimensionale, mecanisme de formare și proprietăți în sisteme perovskitice feroice micro și nanostructurate, preparate prin metode alternative	Size effects, formation mechanisms, and properties in micro- and nanostructured perovskite ferroic systems prepared by alternative methods	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
855	PN-II-ID-PCE-2011-3-0310	Patachia	Florica Silvia Cristina	Transilvania University of Brasov	Modelarea interactiunilor si controlul proprietatilor sistemelor lichide ionice-lemn	Ionic liquids-wood interaction modeling and properties control	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
856	PN-II-ID-PCE-2011-3-0517	Isvoranu	Dragos	Universitatea Politehnica Bucuresti	Miscarea ciliara - o tehnica noua pentru manipularea si controlul fluidelor biologice	Ciliary motion - a novel technique for biofluids manipulation and control	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
857	PN-II-ID-PCE-2011-3-0529	Seicean	Andrada	University of Medicine and Pharmacy Iuliu Hatieganu		Pain palliation in advanced pancreatic cancer and its determinism by neural invasion pattern	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
858	PN-II-ID-PCE-2011-3-0570	van Staden	Raluca-Ioana	National Institute of Research for Electrochemistry and Condensed Matter	Microsenzorii stocastici ca noi instrumente de masurare a substantelor de importanta biologica	Stochastic microsensors as new tools for fast assay of substances of biological importance	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering

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859	PN-II-ID-PCE-2011-3-0766	Stefanescu	Maria Viorica	ACADEMY OF ECONOMIC STUDIES, BUCHAREST		Solving economic multicriteria decision problems using new methods and techniques from multiobjective programming and competitive theories	SH1	Individuals, institutions and markets: economics, finance and management
860	PN-II-ID-PCE-2011-3-0970	Iancu	Cornel	UNIVERSITATEA DE MEDICINA SI FARMACIE "IULIU HATIEGANU"		Selective near-infrared plasmonic photothermal therapy (PPTT) of human liver cancer mediated by biofunctionalized gold nanoparticles	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction
861	PN-II-ID-PCE-2011-3-0819	Verestiuc	Liliana	'Gr T Popa' University of Medicine and Pharmacy		Biofunctionalized nanoparticles as carriers in ophthalmic drug targeting	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
862	PN-II-ID-PCE-2011-3-0738	Kiraly	Iosif	Universitatea Nationala de Arte Bucuresti	Dunarea ID - Identitati si identitate in context european. O arhiva de cercetare vizuala si un portal stiintific al coridorului Dunarii	Danube ID - Identities and identity in the European context. A visual research archive and scientific portal of the Danube corridor	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
863	PN-II-ID-PCE-2011-3-0637	Covic	Adrian Constantin	Universitatea de Medicina si Farmacie "Gr. T. Popa"		Extravascular lung water monitoring by combined ultrasound and bioimpedance as a guide for treatment in hemodialysis cardiomyopathic renal patients	LS4	Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome
864	PN-II-ID-PCE-2011-3-0531	Zaharia	Mihaela	University of Bucharest	Culturi pluraliste in dialog: Marginalizatii intre respingere si integrare	Pluralist cultures in dialogue: The Marginalized between rejection and integration	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
865	PN-II-ID-PCE-2011-3-0402	Catrinescu	Cezar	Gheorghe Asachi Technical University of Iasi	Abordari inovative pentru prepararea zeolitilor cu fier in calitate de catalizatori pentru oxidarea de tip Fenton a poluantilor organici	Innovative approaches for the preparation of iron-containing zeolites as catalyst for the Fenton-like oxidation of priority organic pollutants	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry

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866	PN-II-ID-PCE-2011-3-0746	Miroiu	Adrian	National School of Political and Administrative Studies(Scoala Nationala de Studii Politice si Administrative)	Reguli de vot si comportament strategic. Experimente de teren si de laborator in contextul roman (VRSB)	Voting Rules and Strategic Behavior. Field and laboratory experiments in the Romanian context (VRSB)	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
867	PN-II-ID-PCE-2011-3-0947	HADARUGA	NICOLETA GABRIELA	Banat's University of Agricultural Sciences and Veterinary Medicine of Timisoara		New food formulations containing omega-3 fatty acids with higher stability and bioavailability	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
868	PN-II-ID-PCE-2011-3-0879	Georgescu	Carmen Emanuela	Universitatea de Medicina si Farmacie "Iuliu Hatieganu" Cluj-Napoca	ROLUL SI REGLAREA ENDOCRINA A HORMONULUI OSTEOCALCINA IN ADIPOCITE SI RELEVANTA STATUSULUI OSTEOCALCINEI IN INSULINOREZISTENTA	OSTEOCALCIN HORMONE ROLE AND ENDOCRINE REGULATION IN FAT CELLS AND RELEVANCE OF THE OSTEOCALCIN HORMONE STATUS TO INSULINRESISTANCE	LS4	Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome
869	PN-II-ID-PCE-2011-3-0289	OPREA	STEFAN	Petru Poni Institute of Macromolecular Chemistry	Poliuretani-Eco (PURE) elastomeri cu raport hidrofilic/hidrofob imbunatatit din resurse regenerabile	Polyurethane-Eco-friendly (PURE) elastomers with enhanced hydrophilic/hydrophobic balance from renewable resources	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
870	PN-II-ID-PCE-2011-3-0782	Niedermaier	Paul Helmut	Institutul de Cercetări Socio-Umane Sibiu	Grupuri etnice ca punte între țări și popoare. Sași transilvăneni în perspectivă istorică	Ethnic Groups as Bridges between Countries and People: The Transylvanian Saxons in a Historic Perspective	SH6	The study of the human past: archaeology, history and memory
871	PN-II-ID-PCE-2011-3-0449	Barcau	Mugurel	Institutul de Matematica "Simion Stoilow" al Academiei Romane		Arithmetic Differential Geometry	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics

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872	PN-II-ID-PCE-2011-3-0616	MICLEA	CORNEL	National Institute of Materials Physics	Studiul proprietatilor piezoelectrice ale solutiilor solide din materiale piezoceramice fara plumb din sistemul BNT-BT	Study of piezoelectric properties of solid solution of lead free piezoceramics in the BNT-BT system	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
873	PN-II-ID-PCE-2011-3-0622	Nichifor	Marieta	Petru Poni Institute of Macromolecular Chemistry		Nanosized micelles and vesicles from amphiphilic block copolymers with polysaccharides as hydrophilic blocks. A versatile route to new biomaterials	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
874	PN-II-ID-PCE-2011-3-1037	Gogu	Constantin Radu	TECHNICAL UNIVERSITY OF CIVIL ENGINEERING BUCHAREST	Metoda bazata pe procesele de curgere si transport de contaminati pentru evaluarea vulnerabilitatii acviferelor	Processed Based Groundwater Vulnerability Assessment	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
875	PN-II-ID-PCE-2011-3-0848	Popa-Wagner	Aurel	University of Medicine and Pharmacy Craiova		AGE-RELATED DETERIORATION OF BIOLOGICAL PATHWAYS AND THEIR SIGNIFICANCE FOR BRAIN TISSUE REGENERATION AND FUNCTIONAL RECUPERATION AFTER STROKE	LS5	Neurosciences and neural disorders: neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological disorders, psychiatry
876	PN-II-ID-PCE-2011-3-0863	Barbulescu	Alina	Ovidius University of Constanta	Studiul indicilor de ariditate in Dobrogea	Drought Indices Assessment in Dobrogea Area (DRIADA)	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
877	PN-II-ID-PCE-2011-3-0776	Isar	Alexandru	Universitatea Politehnica din Timisoara	Prelucrarea inteligenta a semnalelor	Intelligent Signal Processing	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering

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878	PN-II-ID-PCE-2011-3-0323	Dima	Mihai-Octavian	Institute for Nuclear Physics and Engineering - Horia Hulubei	Aplicatii de Fizica Nucleara si a Particulelor in High Performance Computing	High Performance Computing for Nuclear and Particle Physics Applications	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
879	PN-II-ID-PCE-2011-3-0329	Daniel	Breaz	1 Decembrie 1918 University of Alba Iulia	Conditii suficiente de univalenta si aplicatii ale acestora in mecanica fluidelor	Sufficient conditions of univalence and their applications in fluid mechanics	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
880	PN-II-ID-PCE-2011-3-0712	Selescu	Richard Teodor Virgil	Elie Carafoli National Institute for Aerospace Research		Intrinsic Study on the Isoenergetic Flow of Compressible Fluids; Extension to MHD; Finding the First Integrals of Some PDEs in Fluid Mechanics and MHD	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
881	PN-II-ID-PCE-2011-3-0410	Sterian	Corneliu Eugen	University POLITEHNICA Bucharest	Tehnici avansate de modulare spatiu-timp si spatiu-frecventa codata trellis pentru comunicatii mobile de banda larga utilizand OFDM.	Advanced techniques of space-time and space-frequency trellis coded modulation for broadband mobile communications using OFDM.	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
882	PN-II-ID-PCE-2011-3-0381	Vlad	Codrea	Babes-Bolyai University, Cluj-Napoca	Ecosistemele continentale cretacice terminale ale "Insulei Hateg": privire asupra diversitatii si evolutiei vertebratelor in contextul european	Late Cretaceous terrestrial ecosystems and environments in „Hateg Island”: focus on vertebrate diversity and evolution in the european context	PE10	Earth system science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
883	PN-II-ID-PCE-2011-3-0682	Cretan	Remus	West University of Timisoara	Minoritatea maghiara din sud-vestul Romaniei: schimbari in structurile teritoriale, diferentieri toponimico-dialectale, valori culturale	The Hungarian Minority in the South-West Part of Romania: Changes in the Territorial Structures, Toponymical-Dialectal Differences, Cultural Values	SH3	Environment and society: environmental studies, demography, social geography, urban and regional studies
884	PN-II-ID-PCE-2011-3-0942	Wallis	Anne	Babes-Bolyai University Cluj-Napoca		Advancing maternal and child health in Romania: an integrated assessment of the determinants of pregnancy outcomes	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics

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885	PN-II-ID-PCE-2011-3-0462	Voinea	Liviu	Asociatia Grupul de Economie Aplicata		PUT A FACE ON CAPITAL. THE MARKET FOR EXECUTIVES AND NON-EXECUTIVES AND ITS IMPACT ON ECONOMIC DEVELOPMENT IN ROMANIA	SH1	Individuals, institutions and markets: economics, finance and management
886	PN-II-ID-PCE-2011-3-0313	ION	RODICA MARIANA	The National Institute for Research & Development in Chemistry and Petrochemistry - ICECHIM	DEZVOLTAREA DE COMPUSI BIOACTIVI DIN SURSE NATURALE PENTRU TERAPIA FOTODINAMICA TOPICA	DEVELOPMENT OF SOME BIOACTIVE COMPOUNDS FROM NATURAL SOURCES FOR TOPICAL PHOTODYNAMIC THERAPY	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
887	PN-II-ID-PCE-2011-3-0415	Sandulescu-Tudorache	Madalina	UNIVERSITY OF BUCHAREST	Biocataliza inhibitorilor endocrini din mediul inconjurator pentru dezinfectia apelor reziduale - Tehnologie de bio-remediere pentru un mediu sanatos	Bio-remediation technology for healthy environment: Biocatalysis of environmental endocrine disruptors for wastewater cleanup	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
888	PN-II-ID-PCE-2011-3-0896	Cristea	Dan	UNIVERSITATEA "ALEXANDRU IOAN CUZA" DIN IASI	FABRICA DE CUVINTE	ROLLING WORDS	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
889	PN-II-ID-PCE-2011-3-0372	Fara	Laurentiu	University Politehnica of Bucharest	Noi materiale nanostructurate performante utilizate pentru celule solare hibride	New nanostructured performant materials used for hybrid solar cells	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
890	PN-II-ID-PCE-2011-3-1033	Carmen Maria	Ardeleanu	Institutul National de Cercetare Dezvoltare in Domeniul Patologiei si Stiintelor Biomedicale "Victor Babes"	Interactiuni intre celulele endocrine si sistemul interstitial. Un interactom specific?	Cross-talk between neuroendocrine and interstitial system. A specific interactome?	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction
891	PN-II-ID-PCE-2011-3-0843	Rascanu	Aurel	Alexandru Ioan Cuza University, Iasi	Sisteme deterministe si stochastice cu restrictii de stare.	Deterministic and stochastic systems with state constraints.	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics

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892	PN-II-ID-PCE-2011-3-0342	Petrescu	Andrei-Jose	Institutul de Biochimie	Modelarea moleculara a complexelor si ansamblurilor cu constangeri experimentale si bioinformaticice	Modeling molecular complexes and assemblies with experimental and bioinformatic constraints	LS2	Genetics, Genomics, Bioinformatics and Systems Biology: genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics,metabolomics, bioinformatics, computational biology, biostatistics, biologicalmodelling and simulation, system
893	PN-II-ID-PCE-2011-3-0417	Enculescu	Ionut-Marius	National Institute of Materials Physics		Charge and spin control in field effect transistors with nanowire channel	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
894	PN-II-ID-PCE-2011-3-0775	IRIMIE	Florin Dan	"Babes-Bolyai" University of Cluj Napoca		Continous flow enzymatic dynamic kinetic resolutions for stereoselective bioorganic processes.	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
895	PN-II-ID-PCE-2011-3-0784	Ciucu	Anton Alexandru	University of Bucharest	Noi micro-biosenzori electrochimici bazati pe bio-catalizatori nanostructurati utilizati in diagnosticarea clinica la pacienți cu boli neuro-psihiatr	Novel electrochemical micro-biosensors based on bio-catalytical nanostructures used for clinical diagnostic of patients with neuro-psychiatric diseases	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine,regenerative medicine, medical ethics
896	PN-II-ID-PCE-2011-3-0840	Hagau	Natalia	Iuliu Hatieganu University of Medicine and Pharmacy Cluj-Napoca	Balanta intre biomoleculele pro si antiinflamatorii, relatia cu reactivarea virusului citomegalic si cu prognosticul pacientului critic	Balance Between Pro and Anti-Inflammatory Biomolecules, Relationship With Cytomegalovirus Reactivation and Outcome in Critically Ill	LS6	Immunity and infection: immunobiology, aetiology of immune disorders, microbiology, virology, parasitology, global and other infectious diseases, population dynamics of infectious diseases, veterinary medicine
897	PN-II-ID-PCE-2011-3-0514	NAE	MARIANA	Faculty of Geography, University of Bucharest	Consecintele revitalizarii urbane integrate asupra calitatii vietii oraselor mari din Romania	Consequences of integrated urban regeneration on quality of life in the Romanian cities	SH3	Environment and society: environmental studies, demography, social geography, urban and regional studies
898	PN-II-ID-PCE-2011-3-1027	Datcu	Mihai	University Politehnica Bucharest		Enhancing four dimensional Synthetic Aperture Radar measurements	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering

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899	PN-II-ID-PCE-2011-3-0335	STAN	CRISTINA	Politehnica University of Bucharest		SYSTEM COMPLEXITY ANALYSIS IN NATURAL AND SOCIAL SCIENCES BASED ON EXPERIMENTAL INVESTIGATIONS AND COMPUTATIONAL TECHNIQUES OF NONLINEAR DYNAMICS AND	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
900	PN-II-ID-PCE-2011-3-0367	Marginean	Nicolae Marius	National Institute for Physics and Nuclear Engineering	Studii privind structura nucleelor bogate in neutroni in vecinatatea inchiderilor de patura folosind tehnica "in-beam fast timing"	In-beam fast timing studies of the structure of neutron-rich nuclei in the vicinity of shell closures	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
901	PN-II-ID-PCE-2011-3-0705	Paunescu	Mihai	Scoala Nationala de Studii Politice si Administrative	Explicarea factorilor ce influenteaza alocarea bugetului de stat in Romania	Explaining state budget allocation in Romania	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
902	PN-II-ID-PCE-2011-3-0755	Dura	Nicolae	Ovidius University	Politici publice de reformare a institutiei statului in Romania. Noua economie institutională:solutia de combatere a efectelor incapacității statului	Reforming Public policies' state institution in Romania. New institutional economics: the solution to combat the effects of state failure	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
903	PN-II-ID-PCE-2011-3-1050	Cismaru	Diana-Maria	National School of Political Studies and Public Administration	MODELE GENERATIVE: DE LA COMUNITĂȚI CARE ÎNVAȚĂ LA ORGANIZAȚII EVOLUTIVE	GENERATIVE PATTERNS: FROM LEARNING COMMUNITIES TO EVOLVING ORGANIZATIONS	SH1	Individuals, institutions and markets: economics, finance and management
904	PN-II-ID-PCE-2011-3-0671	Cotfas	Nicolae	University of Bucharest	Ecuatii Schrodinger rezolvabile explicit si cuantificari de tip Klauder-Berezin-Toeplitz	Explicitly solvable Schrodinger type equations and Klauder-Berezin-Toeplitz type quantizations	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
905	PN-II-ID-PCE-2011-3-0798	Calin	Mihaela Antonina	National Institute of Research and Development for Optoelectronics	Metoda neinvaziva de investigare in vivo a modificarilor proprietatilor optice ale tesuturilor biologice induse de procesul de imbatranire	Non-invasive in vivo method for investigation of aging-related changes of biological tissues optical properties	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics

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906	PN-II-ID-PCE-2011-3-0441	CAVALU	SIMONA	UNIVERSITY OF ORADEA	NOI BIOCERAMICI DE TIP ALUMINA/ZIRCONIU PENTRU IMPLANTURI ORTOPEDICE SI DENTARE: CORELATII INTRE PROPRIETATILE STRUCTURALE SI BIOCOMPATIBILITATE	NEW ALUMINA/ZIRCONIA BIOCERAMICS FOR DENTAL AND ORTHOPEDIC IMPLANTS: CORRELATION BETWEEN STRUCTURAL PROPERTIES AND BIOCOMPATIBILITY EVALUATION	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
907	PN-II-ID-PCE-2011-3-0685	Vilmos	Keszeg	Universitatea Babes-Bolyai Cluj Napoca	Istorie, lumi și mentalități locale: forme ale patrimonizării în Transilvania, sec. 20.	Local histories, localities and local mentalities: forms of patrimonialization in the 20th century Transylvania	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
908	PN-II-ID-PCE-2011-3-0612	Borda	Daniela	Dunarea de Jos University	Cercetări privind stabilirea criteriilor de calitate și siguranță pentru designul produselor noi, prin tratamente asistate la presiune înaltă	Researches on safety and quality criteria for designing novel foods using high pressure assisted processing	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
909	PN-II-ID-PCE-2011-3-0754	Bargaoanu	Alina	National School of Political Studies and Public Administration		Framing Europe. In Search of the European Public Sphere	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
910	PN-II-ID-PCE-2011-3-0793	Tomoaia	Gheorghe	Iuliu Hatieganu University of Medicine and Pharmacy	METODE SI TEHNICI BAZATE PE NANOMEDICINA APLICATE IN CHIRURGIA SI TRATAMENTUL CANCERULUI OSOS	METHODS AND TECHNIQUES BASED ON NANOMEDICINE APPLIED IN THE SURGERY AND THE TREATMENT OF BONE CANCER Acronym NANOS	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
911	PN-II-ID-PCE-2011-3-0398	Sisu	Eugen Nicolae Vintila	Victor Babes University of Medicine and Pharmacy Timisoara		Mutational analysis of ovarian carcinoma cells and development of a molecular classification of ovarian epithelial tumors	LS4	Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome

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912	PN-II-ID-PCE-2011-3-0926	ASCHIE	MARIANA	OVIDIUS UNIVERSITY CONSTANTA	STUDIUL MORFOLOGIC SI MOLECULAR AL CELULARITATII NEOPLAZICE SI NONNEOPLAZICE PENTRU STABILIREA UNUI MODEL PREDICTIV IN LIMFOAMELE HODGKIN	MORPHOLOGIC AND MOLECULAR STUDY OF NEOPLASTIC AND NONNEOPLASTIC CELL POPULATIONS TO OBTAIN A PREDICTIVE MODEL IN HODGKIN LYMPHOMA	LS2	Genetics, Genomics, Bioinformatics and Systems Biology: genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics,metabolomics, bioinformatics, computational biology, biostatistics, biologicalmodelling and simulation, system
913	PN-II-ID-PCE-2011-3-1068	LUCHIAN	HENRI	Universitatea "Alexandru Ioan Cuza" din Iasi	Clasificare: noi abordari si aplicatii	Classification: new approaches and applications	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
914	PN-II-ID-PCE-2011-3-0605	Gheorghe	Liliana	Fundeni Clinical Institute		MOLECULAR PREDICTORS OF PROGNOSIS FOLLOWING CURATIVE TREATMENT OF HEPATOCELLULAR CARCINOMA – THE SIGNIFICANCE OF LIVER STEM/PROGENITOR CELLS GENES	LS3	Cellular and Developmental Biology: cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals
915	PN-II-ID-PCE-2011-3-1072	Chiorean	Luminita	Universitatea Petru Maior Targu Mures	DICȚIONAR DE TERMINOLOGIE LINGVISTICĂ ȘI PRAGMATICĂ	DICTIONARY OF LINGUISTIC AND PRAGMATIC TERMINOLOGY	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
916	PN-II-ID-PCE-2011-3-0520	Dimitrie	Alexa	SC COMFRAC R&D PROJECT EXPERT SRL	ASIGURAREA CALITATII SI ECONOMISIRII ENERGIEI ELECTRICE PRIN CONVERTOARE ELECTRONICE PERFORMANTE PENTRU ECONOMIA BAZATA PE CUNOASTERE	ELECTRIC POWER QUALITY AND ENERGY SAVING USING PERFORMANT POWER CONVERTERS FOR THE KNOWLEDGE BASED ECONOMY	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
917	PN-II-ID-PCE-2011-3-0423	Bocos-Bintintan	Victor	Babes Bolyai University	Detectia si caracterizarea rapida a urmelor de precursori si chimicale esentiale asociate cu drogurile ilicite utilizând tehnicile IMS	Rapid trace detection and characterization of precursors and essential chemicals related to illicit drugs using ion mobility spectrometric techniques	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics

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918	PN-II-ID-PCE-2011-3-0421	VLAD	STELIAN	PETRU PONI INSTITUTE OF MACROMOLECULAR CHEMISTRY		TISSUE-ENGINEERED SKIN SUBSTITUTES BASED ON POLYURETHANE BIOMATERIALS	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
919	PN-II-ID-PCE-2011-3-0959	Alexandra	Cornilescu	Universitatea din Bucuresti	Sructura si Interpretarea Grupului Nominal Romanesc in Teoria Reprezentarii Discursului: Determinantii.	The Structure and Interpretation of the Romanian Nominal Phrase in Discourse Representation Theory: the Determiners.	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
920	PN-II-ID-PCE-2011-3-0778	Bodis	Eugen Jenő	Babes-Bolyai University	Reactii ideale de aminare reductiva prin cataliza metalica	Towards ideal reductive amination reactions by metal catalysis	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
921	PN-II-ID-PCE-2011-3-0937	Silvia	Ioan	"Petru Poni" Institute of Macromolecular Chemistry	Sisteme complexe pe baza polimeri continand structuri aliciclice pentru materiale de inalta performanta	Complex systems based on polymers containing alicyclic structures for high performance materials	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
922	PN-II-ID-PCE-2011-3-0794	Stancu	Alexandru	Universitatea "Alexandru Ioan Cuza" din Iași	Histerezis și comutare în structuri magnetice exotice nanometrice și moleculare (EXOTIC)	Hysteresis and switching in exotic nano and molecular magnetic structures (EXOTIC)	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
923	PN-II-ID-PCE-2011-3-0799	PAIZS	CSABA	Babes Bolyai University		Immobilized wild type and mutant ammonia lyases and amino mutases for production of alfa- and beta-phenylalanine analogs	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
924	PN-II-ID-PCE-2011-3-0636	Groza	Andreea Liliana	National Institute for Laser, Plasma and Radiation Physics		Pulsed metastable atoms sources for mass spectrometry analytical applications	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics

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925	PN-II-ID-PCE-2011-3-0431	Grigore	Damian	Universitatea Babes-Bolyai	Metode RPE avansate de detectia si caracterizarea radicalilor liberi din sisteme bio-medicale	Advanced EPR methods of detection and characterization of free radicals in bio-medical systems	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction
926	PN-II-ID-PCE-2011-3-0921	Vizman	Cornelia	West University of Timisoara	Grupuri de difeomorfisme, dinamica fluidelor si structuri geometrice asociate	Diffeomorphism groups, fluid dynamics and related geometric structures	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
927	PN-II-ID-PCE-2011-3-0856	Neda	Ion	National Institute for Research&Development in Electrochemistry and Condensed Matter Timisoara	ARHITECTURI MOLECULARE FLUOROGLOCOPEPTIDICE IMUNOMODULANTE	IMMUNOMODULANTE FLUOROGLYCOPEPTIDE MOLECULAR ARCHITECTURES	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
928	PN-II-ID-PCE-2011-3-0692	BURNEI	Gheorghe	NATIONAL INSTITUTE OF RESEARCH AND DEVELOPMENT FOR MECHATRONICS AND MEASUREMENT TECHNIQUE		TREATMENT OF CONGENITAL MALFORMATIONS OF THORACIC LIMBS BY DEVELOPMENT OF IMPLANTS ADAPTED TO PATIENTS ANATOMY WITH 3D SKELETAL RECONSTRUCTION	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
929	PN-II-ID-PCE-2011-3-0958	Ganciu-Petcu	Mihai	National Institute for Laser, Plasma and Radiation Physics		Electron acceleration and polaritonic transport by laser-plasma interaction in new capillary configuration	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
930	PN-II-ID-PCE-2011-3-0451	Eugen	Pavel	Politehnica University of Bucharest	Litografieri optica cu rezolutie la nivel atomic	Optical lithography with atomic resolution	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
931	PN-II-ID-PCE-2011-3-1006	Giovanni	Bussolati	Institutul National de Cercetare Dezvoltare in Domeniul Patologiei si Stiintelor Biomedicale"Victor Babes"	Evaluarea componentei stromale in cancerile de colon si mamare: diagnostic si semnificatie prognostica	Evaluation of stromal component in colon and breast cancer: diagnostic and prognostic significance	LS2	Genetics, Genomics, Bioinformatics and Systems Biology: genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics,metabolomics, bioinformatics, computational biology, biostatistics, biologicalmodelling and simulation, system

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932	PN-II-ID-PCE-2011-3-1025	Borda	Monica	Technical University of Cluj-Napoca(Universitate Tehnica din Cluj-Napoca)	Sistem integrat de prelucrari de imagini pentru restaurarea patrimoniului cultural	Integrated image processing system for cultural heritage restoration	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
933	PN-II-ID-PCE-2011-3-0450	Avrigeanu	Marilena	"Horia Hulubei" National Institute for Physics and Nuclear Engineering (IFIN-HH)	Reactii nucleare induse de deuteroni la energii joase si medii: Analiza consistenta a mecanismelor de reactii directe si statistice	Deuteron-induced reactions at low and medium energies: Consistent direct and statistical model analysis	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
934	PN-II-ID-PCE-2011-3-0728	Rustoiu	Aurel	Academia Romana, filiala Cluj-Napoca		Aerial-archaeological research on the Mures Valley. New methods of investigation on the prehistory, proto-history and ancient archaeological sites	SH6	The study of the human past: archaeology, history and memory
935	PN-II-ID-PCE-2011-3-0646	Craciun	Eduard-Marius	OVIDIUS University of Constanta	MODELARE MATEMATICA A PROPAGARII FISURILOR IN COMPOZITE	MATHEMATICAL MODELING OF THE CRACKS PROPAGATION IN COMPOSITES	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
936	PN-II-ID-PCE-2011-3-0469	Preda	Gavriil	"Dimitrie Cantemir" Cristhian University (UCDC)	RELATIILE MILITARE INTERNATIONALE ALE ROMANIEI SI PERCEPTIA AMENINTARILOR DE SECURITATE IN TIMPUL RAZBOIULUI RECE	ROMANIAN MILITARY FOREIGN RELATIONS AND SECURITY THREAT PERCEPTION DURING THE COLD WAR	SH6	The study of the human past: archaeology, history and memory
937	PN-II-ID-PCE-2011-3-0639	DAMIAN	Maria	National Institute of Research-Development for Microbiology and Immunology Cantacuzino	Studiul structurilor genetice implicate in conversia la patogenitate a tulpinilor netoxigene de Corynebacterium; rolul lor in epidemiologia difteriei	Studies on genetic structures involved in conversion to pathogenicity of non-toxigenic Corynebacterium strains;their role in diphtheria epidemiology	LS6	Immunity and infection: immunobiology, aetiology of immune disorders, microbiology, virology, parasitology, global and other infectious diseases, population dynamics of infectious diseases, veterinary medicine
938	PN-II-ID-PCE-2011-3-0680	Timofte	Claudia	University of Bucharest	Analiza si modelarea mediilor eterogene cu ajutorul scarilor multiple	Multiscale Analysis and Modeling of Heterogeneous Media	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics

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939	PN-II-ID-PCE-2011-3-0474	Oancea	Simona	Universitatea Lucian Blaga din Sibiu	Cercetari privind compusii antocianici din plante alimentare, relevante pentru stabilizarea lipidelor polinesaturate si pentru obtinere de ecotextile	Research on anthocyanin bioactives from food plants, as useful tools for stabilization of polyunsaturated edible oils and for obtaining ecotextiles	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
940	PN-II-ID-PCE-2011-3-0468	Burileanu	Liliana Michaela	University POLITEHNICA of Bucharest	Polimeri conductori cu suprafata structurata si nanocompozite polimerice conductoare pentru dispozitive de afisare de inalta performanta	Surface structured conducting polymers and conducting polymer nanocomposites for high performance display devices	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
941	PN-II-ID-PCE-2011-3-1036	Boian	Rares	UNIVERSITATEA BABES-BOLYAI		Customizable Multimodal Virtual Environments For Psychotherapy	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
942	PN-II-ID-PCE-2011-3-0500	Eniu	Alexandru Eugen	Institutul Oncologic „Prof. Dr. I. Chiricuță”	Dezvoltarea unui dispozitiv bazat pe tehnici de microfluidică pentru izolarea Celulelor Tumorale Circulante la pacientele cu cancer mamar operabil	Development of a microfluidics-based device for isolation of Circulating Tumor Cells in patients with operable breast cancer	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
943	PN-II-ID-PCE-2011-3-0711	Avrigeanu	Vlad	"Horia Hulubei" National Institute for Physics and Nuclear Engineering (IFIN-HH)	Date nucleare avansate, necesare tehnologiilor de fuziune termonucleara actuale	Improved Nuclear Data Requested by Actual Fusion Technology (INDRAFT)	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
944	PN-II-ID-PCE-2011-3-0472	DINU	DIANA	UNIVERSITY OF BUCHAREST		Environmental factors in ageing – cell signaling aspects	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
945	PN-II-ID-PCE-2011-3-1075	Preda	Vasile	University of Bucharest		Statistical and optimization techniques in risk management applied in finance and insurance in new European solvency regime implementation perspectiv	SH1	Individuals, institutions and markets: economics, finance and management

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946	PN-II-ID-PCE-2011-3-0621	ZAHARESCU	TRAIAN	INC DIE ICPE-CA	Studii teoretice, experimentale si modelari in domeniul actiunii electromecanice si realizarii bazate pe forte generalizate	THEORETICAL AND EXPERIMENTAL AND MODELING STUDIES IN THE AREA OF ELECTROMECHANICAL ACTUATION AND CONSTRUCTION STARTING ON GENERALISED FORCES EVOLVED	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
947	PN-II-ID-PCE-2011-3-0594	Scorei	Ion Romulus	S.C. Natural Research SRL Craiova	Identificarea mecanismelor moleculare genetice si epigenetice implicate in modularea cresterii si proliferarii celulare sub actiunea borului	Identification of molecular genetic and epigenetic mechanisms involved in boron modulation of cell growth and proliferation	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction
948	PN-II-ID-PCE-2011-3-0895	Miroiu	Mihaela	Scoala Nationala de Stiinte Politice si Administratie Publica	Societatea civila si statul. Analiza dezbatelor publice pe teme de gen si mediu in Romania post-comunista.	Civil Society and the State. Analyzing Public Debates on Gender and Environmental Issues in Post-Communist Romania.	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
949	PN-II-ID-PCE-2011-3-0909	Iliescu	Elena Laura	S.C. CENTRUL MADICAL VALAHIA S.R.L.	Algoritm de diagnostic precoce al nodulilor hepatice la pacientii cu ciroza hepatica.Corelatii intre aspectele imagistice si histologice.(PREDICHT)	Algorithm for early diagnosis of liver nodules in patients with liver cirrhosis. Correlations between aspects of imaging and histology.(PREDICHT)	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine,regenerative medicine, medical ethics
950	PN-II-ID-PCE-2011-3-0997	Iandoli	Luca	ACADEMIA DE STUDII ECONOMICE DIN BUCURESTI		Building Intelligent Knowledge-Based Systems and Networks for the Improvement of the Competitiveness and Innovation in Small and Medium Enterprises	SH1	Individuals, institutions and markets: economics, finance and management
951	PN-II-ID-PCE-2011-3-0982	Popovici	Dragomir Nicolae	National Museum of Romanian History	Modele de co-evolutie intre om si mediu in zona umeda a Baltii Ialomitei	Human and environment co-evolution patterns in the wetland area of Balta Ialomitei	SH6	The study of the human past: archaeology, history and memory
952	PN-II-ID-PCE-2011-3-0851	Albu	Silviu	University of Medicine and Pharmacy "Iuliu Hatieganu"	Studii privind proceduri multimodale de caracterizare neinvaziva a masei limfonod.cervic.tumorali,folosind tehnici ecorafice 2D,3D,Doppler,CEUS	Studies on noninvasive procedures for characterization of tumors and cervical lymph nodes using 3D,Doppler,elastography,contrast enhanced ultrasound	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine,regenerative medicine, medical ethics

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953	PN-II-ID-PCE-2011-3-0713	ROMAN	Ioan	S.C.METAV Cercetare Dezvoltare S.A.	Cercetari asupra relatiei dintre stabilitatea electrochimica a unor dispozitive dentare noi si comerciale si efectele toxice si alergice ale acestora	Research on the correlation between electrochemical stability of commercial and new dental prosthetic devices and their toxic and allergic effects	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
954	PN-II-ID-PCE-2011-3-1086	Nedevschi	Sergiu	Universitatea Tehnica din Cluj-Napoca	Perceptia multi scalara si multi modala a mediilor 3D dinamice prin fuziunea datelor de stereovizinea densa, flux optic dens si odometrie vizuala	Multi-scale multi-modal perception of dynamic 3D environments based on the fusion of dense stereo, dense optical flow and visual odometry information	PE6	Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
955	PN-II-ID-PCE-2011-3-0780	Irina	Stanciugelu	National School of Political and Administrative Studies		Communication science for science communication	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
956	PN-II-ID-PCE-2011-3-1011	Efrose	Rodica Catalina	Institute of Biological Research-Iasi, branch of NIRDBS		"Identification, molecular and biochemical characterization of indigenous rhizobial strains for use as biofertilizers and bioremediators"	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
957	PN-II-ID-PCE-2011-3-0898	HLIHOR	CONSTANTIN	"Dimitrie Cantemir" Christian University	Miscarea de rezistenta armata anticomunista din Romania	Romanian anti-comunism armed struggle	SH6	The study of the human past: archaeology, history and memory
958	PN-II-ID-PCE-2011-3-0497	Coriu	Daniel	University of Medicine and Pharmacy "Carol Davila"	Studiul expresiei WT-1 in celulele leucemice: rolul in evaluarea bolii minime reziduale la pacientii cu leucemii acute si leucemie mieloida cronica	WT-1 expression in leukemic cells population, a milestone for minimal residual disease evaluation in patients with acute and chronic myeloid leukemia	LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction
959	PN-II-ID-PCE-2011-3-0502	REPANOVICI	Angela	Transilvania University of Brasov	Sistem integrat de management al informatiei folosind sursele deschise	Integrated system of information management using open sources - ISIMOS	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology

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960	PN-II-ID-PCE-2011-3-1000	Cimpoesu	Dorin	Universitatea "Alexandru Ioan Cuza" din Iasi	Procese de comutare a magnetizarii asistate energetic - efecte dinamice si termice	Energy assisted magnetization reversal - dynamics and thermal effects (DYNAMIC)	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
961	PN-II-ID-PCE-2011-3-0995	Loghin	Felicia	University of Medicine and Pharmacy Iuliu Hatieganu Cluj-Napoca	Studiul efectelor toxice ale unor perturbatori endocrinieni utilizati ca antioxidanti si conservanti asupra tesuturilor non-reproductive	Study of toxic effects of certain endocrine disruptor chemicals used as antioxidants and preservatives on non-reproductive tissues	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
962	PN-II-ID-PCE-2011-3-0889	Birzea	Cezar	National School of Political and Administrative Studies		Rationality and information: An analysis of prospective students' information needs	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
963	PN-II-ID-PCE-2011-3-0690	Donescu	Dan	National Research & Development Institute for Chemistry and Petrochemistry ICECHIM	Materiale hibride organico-anorganice cu proprietati ultra-hidrofobe obtinute din precursori nano-structurati	Organic-inorganic hybrid materials with ultra-hydrophobic properties derived from nano-structured precursors	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
964	PN-II-ID-PCE-2011-3-0533	Zamfirescu	Tudor	"Simion Stoilov" Institute of Mathematics, Roumanian Academy	Studii generice la spatiile Alexandrov cu curbura marginita inferior	Generic investigations of Alexandrov spaces with curvature bounded below	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
965	PN-II-ID-PCE-2011-3-0518	Albu	Ana-Maria	University POLITEHNICA Bucharest		Polymer Materials Ensembles with DNA Vector for Bio- Photonic Applications	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry

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966	PN-II-ID-PCE-2011-3-0781	Bouriaud	Olivier	INSTITUTUL DE CERCETARI SI AMENAJARI SILVICE		Forest Greenhouse Gas Management	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
967	PN-II-ID-PCE-2011-3-0555	Teodorescu	Mariana	"Ilie Murgulescu" Institute of Physical Chemistry		Thermodynamics and thermophysics of molecular and ionic liquid mixtures – new experimental and theoretical approaches	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
968	PN-II-ID-PCE-2011-3-1019	Stefan	Radu	Universitatea Politehnica Bucuresti	Metode avansate de analiza si sinteza robusta. Aplicatii in aeronautica.	ADVANCED TOPICS IN ROBUST ANALYSIS AND SYNTHESIS. APPLICATIONS TO AIRCRAFT CONTROL.	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
969	PN-II-ID-PCE-2011-3-0553	Laura	Bulgariu	Technical Univeristy Gheorghe Asachi of Iasi	Recuperarea selectiva si avansata a metalelor pretioase din deseuri prin extractie in sisteme cu doua faze apoase	Selective and advanced recuperation of precious metals from waste be extraction in aqueous two-phase systems	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
970	PN-II-ID-PCE-2011-3-0952	Cristian	Grava	University of Oradea	Utilizarea filtrelor Kalman și a SVM-urilor în dimensionarea resurselor financiare din sectorul public	Using Kalman filters and Support Vector Machines in financial resource budgeting in the public sector	SH1	Individuals, institutions and markets: economics, finance and management
971	PN-II-ID-PCE-2011-3-0560	Rapeanu	Gabriela	Dunarea de Jos University of Galati	Indicatori intrinseci de autenticitate si trasabilitate a sucurilor din struguri in vederea eficientizarii criteriilor de calitate si functionalitate	Intrinsic indicators for authenticity and traceability of grapes juice to maximize the food quality and functional criteria	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
972	PN-II-ID-PCE-2011-3-1045	Veghes	Calin	Academia de Studii Economice din Bucuresti	Spațiul privat al consumatorului: ce este și cum poate fi abordat pentru a genera un impact micro și macro-economic pozitiv	Consumer's private space: what is and how to be approached in order to produce a positive micro and macro-economic impact	SH1	Individuals, institutions and markets: economics, finance and management

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973	PN-II-ID-PCE-2011-3-0894	Grigorescu	Adriana	NATIONAL SCHOOL OF POLITICAL STUDIES AND PUBLIC ADMINISTRATION BUCHAREST	Modernizarea managementului și marketingului public. Sisteme inovative de auto-dezvoltare a instituțiilor publice în contextul societății cunoașterii	Public management and marketing modernization. Innovative systems of self-development of public institutions in the context of knowledge society	SH1	Individuals, institutions and markets: economics, finance and management
974	PN-II-ID-PCE-2011-3-0994	Kohr	Mirela	Babes-Bolyai University, Faculty of Mathematics and Computer Science	Probleme cu valori pe frontiera pentru sisteme eliptice pe domenii nenetede cu aplicatii in mecanica fluidelor	Boundary value problems for elliptic systems on non-smooth domains with applications in fluid mechanics	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
975	PN-II-ID-PCE-2011-3-0899	Kohr	Gabriela	Babes-Bolyai University, Faculty of Mathematics and Computer Science	Aspecte geometrice si analitice ale aplicatiilor biolomorfe in C^n si spatii Banach complexe	Geometric and analytic aspects of biholomorphic mappings in C^n and complex Banach spaces	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
976	PN-II-ID-PCE-2011-3-0964	Cristescu	Gabriela	Universitatea "Aurel Vlaicu" din Arad	OPTIMIZARE, PROBLEME VARIATIONALE, JOCURI SI RECUNOASTEREA FORMEI IN CADRUL OFERIT DE CONVEXITATEA NECONEXA	OPTIMIZATION, VARIATIONAL PROBLEMS, GAMES AND SHAPE RECOGNITION IN THE FRAMEWORK OF NON-CONNECTED CONVEXITIES	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
977	PN-II-ID-PCE-2011-3-0957	Georgeta	Cazacu	"Petru Poni" Institute of Macromolecular Chemistry	BIO-NANOMATERIALE PE BAZA DE POLIMERI NATURALI:PREPARARE, PROPRIETATI SI APLICATII	BIO-NANOMATERIALS BASED ON NATURAL POLYMERS: PREPARATION, PROPERTIES AND APPLICATIONS	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
978	PN-II-ID-PCE-2011-3-0783	Indurkha	Bipin	Institutul Român de Știință și Tehnologie	Formarea conceptelor în agenți autonomi	Concept formation in autonomous agents	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
979	PN-II-ID-PCE-2011-3-0878	Ivan	Adrian Liviu	Universitatea Babes-Bolyai	Minoritate si securitate societala in contextul globalizarii	Minority and societal security in the context of globalization	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology

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980	PN-II-ID-PCE-2011-3-0615	Herisanu	Nicolae	Universitatea Politehnica Timisoara		Analytical approaches to nonlinear mechanical vibration systems	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
981	PN-II-ID-PCE-2011-3-1083	Roman	Viviana	Institute of Virology	Leucemia limfocitica atipica si impactul ei in diagnosticul bolii minime reziduale	Atypical profile in chronic lymphocytic leukemia and his impact in minimal residual disease detection	LS3	Cellular and Developmental Biology: cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals
982	PN-II-ID-PCE-2011-3-1031	Popescu	George	University Politehnica Bucharest		Dynamics of cellular signaling networks	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
983	PN-II-ID-PCE-2011-3-0908	Radulescu	Marius	Institute of Mathematical Statistics and Applied Mathematics Gheorghe Mihoc - Caius Iacob	Modele de selectie a portofoliilor si aplicatii	Portfolio selection models and applications	SH3	Environment and society: environmental studies, demography, social geography, urban and regional studies
984	PN-II-ID-PCE-2011-3-0595	ILIE	Mariana	Universitatea Politehnica din Timisoara	MODELAREA SUDARII CU FASCICUL LASER A UNUI CUPLU DE MATERIALE METAL-POLIMER	Metal -Polymer Laser Welding Modeling	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
985	PN-II-ID-PCE-2011-3-0971	Vilmos	Tánczos	Universitatea "Babes-Bolyai," Cluj-Napoca, Romania Catedra de Etnografie si Antropologia Maghiara, Facultatea de Litere, Cod. 400038		Levels of Linguistic Competence among Speakers of the Moldavian Csángó Dialects according to Generations and Geographical Locations	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
986	PN-II-ID-PCE-2011-3-1056	Miloiu	Silviu Marian	Universitatea Valahia Targoviste	Utopia versus realism in politica externa romaneasca. De la Primul Razboi Mondial la 1975	Utopia versus realism in Romania's foreign policy. From World War I to 1975	SH6	The study of the human past: archaeology, history and memory

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987	PN-II-ID-PCE-2011-3-0596	Sandulescu	Neculai	Horia Hulubei National Institute for R & D in Physics and Nuclear for Physics and Nuclear Engineering (IFIN-HH)		Proton-neutron pairing and alpha-like quartet condensation in superfluid nuclei	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
988	PN-II-ID-PCE-2011-3-0592	VILCU	Costin	Institute of Mathematics "Simion Stoilow" of the Romanian Academy		Contributions to the geometry of polyhedra	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
989	PN-II-ID-PCE-2011-3-0683	Dunca	Argus Adrian	UNIVERSITATEA SPIRU HARET		Analytical and numerical investigations of the multiscale deconvolution model of turbulence	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
990	PN-II-ID-PCE-2011-3-0722	Corbea-Hoisie	Andrei	Universitatea "Alexandru Ioan Cuza" din Iași	Începuturile modernizării culturii române și racordarea ei la Occident prin traduceri	The Beginning of the Modernization of the Romanian Culture and its Connection to Western Europe through Translations	SH5	Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies
991	PN-II-ID-PCE-2011-3-0675	Tanase	Carmen	Institute of Biochemistry of the Romanian Academy		Molecular mechanisms regulated by HD-PTP in vesicular biogenesis and trafficking	LS3	Cellular and Developmental Biology: cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals
992	PN-II-ID-PCE-2011-3-0732	Cercel	Sevastian	University of Craiova, Faculty of Law and Administration	Provocări actuale in managementul datoriei publice. Mijloace juridice si economice existente si necesare la nivel național si european	Current challenges in public debt management.Existing and necessary legal and economical means at national level and at European level	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology

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993	PN-II-ID-PCE-2011-3-0634	Pascal	Constantin	University of Agricultural Sciences and Veterinary Medicine Ion Ionescu de la Brad Iasi	Studiul diferitelor factori care pot contribui la imbunatatirea performantelor reproductive in vederea dezvoltarii cresterii ovinelor in Romania	Study of various factors that may contribute to improve reproductive performance in order to develop sheep industry in Romania	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
994	PN-II-ID-PCE-2011-3-0787	HANGANU	MARIUS	"Carol I" NATIONAL DEFENCE ACADEMY (UNAp "CAROL I")	CONTRACARAREA FACTORILOR DE RISC LA ADRESA BIOSECURITATII SI A VULNERABILITATILOR PLATFORMELOR MARINE	COUNTERING RISK FACTORS TO BIOSECURITY AND VULNERABILITIES OF OFFSHORE PLATFORMS	SH3	Environment and society: environmental studies, demography, social geography, urban and regional studies
995	PN-II-ID-PCE-2011-3-0977	Wilson	Robert Andrew	National Scientific Research Institute for Labour and Social Protection		ANTICIPATING SKILL NEEDS IN EMERGENT MARKETS; EXPLAINING AND FORECASTING SKILLS IMBALANCES AND MISMATCHES	SH1	Individuals, institutions and markets: economics, finance and management
996	PN-II-ID-PCE-2011-3-0715	Sandu	Viorel	National Institute of Materials Physics	Compozite supraconductoare pe baza de MgB2 cu dublu pinning	Double Pinning Superconducting MgB2-Based Composites	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
997	PN-II-ID-PCE-2011-3-0762	Lungu	Mihail	West University of Timisoara		Reduction of nanoparticles emissions by the optimisation of residual combustion gases filtering processes	SH3	Environment and society: environmental studies, demography, social geography, urban and regional studies
998	PN-II-ID-PCE-2011-3-0796	Paun	Nicolae	Babes-Bolyai University	Dezintegrare si integrare in Europa Centrala si de Est in sec. XX.	Disintegration and Integration in East-Central Europe in the XXth Century	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
999	PN-II-ID-PCE-2011-3-0945	Scarlat	Florea	National Institute for Lasers, Plasma and Radiation Physics	Cercetari asupra caracteristicilor fasciculului de radiatie generat de interactia laser cu tinta in conditiile infrastructurii ELI-NP	Research on the characteristics of the radiation beam generated by laser interaction with the target under the test conditions of the ELI-NP facility	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics

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1000	PN-II-ID-PCE-2011-3-0948	Lazaroiu	Calin	Horia Hulubei National Research and Development Institute of Physics and Nuclear Engineering IFIN-HH of Bucharest	Geometria teoriilor fundamentale	The geometry of fundamental theories	PE1	Mathematical foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
1001	PN-II-ID-PCE-2011-3-0809	MEDAR	SERGIU	Universitatea Lucian Blaga din Sibiu		Romanian Security Policy Trends 2025 in a Globalized World- SECRO 2025	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
1002	PN-II-ID-PCE-2011-3-0687	Epure	Gabriel	Scientific Research Center for CBRN Defense and Ecology		COMPOSITE FUNCTIONALIZED MATERIALS FOR REMOVAL ORGANIC CONTAMINANTS FROM WASTE WATERS AND RECYCLING INDUSTRIAL FLUIDS	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
1003	PN-II-ID-PCE-2011-3-0987	DORIS	SAVA	LUCIAN-BLAGA-UNIVERSITAT	Resurse lingvistice pentru interpretarea unitatilor frazeologice. Model de aplicare pe lexicografia bilingva germana din Romania	Linguistische Zugänge zur Erfassung phraseologischer Einheiten. Modellvorschlag für die zweisprachige rumänische Lexikografie mit Deutsch	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education
1004	PN-II-ID-PCE-2011-3-0802	Popescu	Claudia Rodica	Academy of Economic Studies Bucharest	CLUSTERELE INDUSTRIALE ŞI DEZVOLTAREA REGIONALĂ ÎN ROMÂNIA	INDUSTRIAL CLUSTERS AND REGIONAL DEVELOPMENT IN ROMANIA	SH1	Individuals, institutions and markets: economics, finance and management
1005	PN-II-ID-PCE-2011-3-0695	Stancioiu	Petru Tudor	Universitatea Transilvania din Brasov		Ecological, morphological and genetic comparative analysis of the three rare species from the Saussurea genus in the Eastern Carpathians	LS8	Evolutionary, population and environmental biology: evolution, ecology, animal behaviour, population biology, biodiversity, biogeography, marine biology, eco-toxicology, prokaryotic biology
1006	PN-II-ID-PCE-2011-3-0734	Tripadus	Vasile	Horia Hulubei National Institute of Physics and Nuclear Engineering - IFIN HH		MICROSTRUCTURE AND MOLECULAR DYNAMICS IN POLYMER HYDROGELS BY NEUTRON SCATTERING AND ATOMIC FORCE MICROSCOPY (AFM)	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences

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1007	PN-II-ID-PCE-2011-3-0770	Iliescu	Radu	Gr.T.Popa University of Medicine and Pharmacy		Mechanisms of obesity-induced renal injury	LS4	Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome
1008	PN-II-ID-PCE-2011-3-0773	Frunza	Ligia	National Institute of Materials Physics		Complex characterization of coated/functionalized textiles: wettability, direct analysis, spectroscopic and structural properties in correlation	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
1009	PN-II-ID-PCE-2011-3-0733	SINESCU	IOANEL	Fundeni Clinical Institute		APPLICATION OF FRACTAL ANALYSIS AND NONLINEAR TIME SERIES IN DIAGNOSIS AND MANAGEMENT OF RENAL CELL CARCINOMA	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
1010	PN-II-ID-PCE-2011-3-0805	FLOARES	ALEXANDRU	SOLUTIONS OF ARTIFICIAL INTELLIGENCE APPLICATIONS	Modele pentru Intelegerea si Predictia Progresiei, Recurentei si Metastazarii in Cancerul de Vezica bazate pe Inteligenta Artificiala si Date Omics	Models for Understanding and Predicting Bladder Cancer Progression, Recurrence and Metastases Based on Artificial Intelligence and Omics Data	LS2	Genetics, Genomics, Bioinformatics and Systems Biology: genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics, metabolomics, bioinformatics, computational biology, biostatistics, biological modelling and simulation, system
1011	PN-II-ID-PCE-2011-3-0821	Voicu	Victor	University of Medicine and Pharmacy Carol Davila Bucharest	Evaluarea comparativa a profilului biofarmaceutic si toxicocinetic pentru oxime reactivatori ai acetilcolinesterazei inhibata de organofosforice	Comparative evaluation of biopharmaceutic and toxicokinetic profiles for oximes reactivators of organophosphate-inhibited acetylcholinesterases	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
1012	PN-II-ID-PCE-2011-3-0772	cretu	nicolae	UNIVERSITATEA TRANSILVANIA DIN BRASOV	MOMENTE DE ORDIN SUPERIOR SI METODE STATISTICE APLICATE IN ESTIMAREA FENOMENELOR TRANZITORII	HIGHER ORDER MOMENTS AND STATISTICAL METHODS APPLIED IN ESTIMATION OF THE TRANSIENTS	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics

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1013	PN-II-ID-PCE-2011-3-0901	Alexandru	Ilies	University of Oradea	Modele si solutii optime de interconectare sistemica a arealelor frontaliere contigui de la frontiera externa estica a Uniunii Europene	Models and solutions of systemic interconnection of the contiguous borderland from the eastern external border of European Union (Romanian sector)	SH3	Environment and society: environmental studies, demography, social geography, urban and regional studies
1014	PN-II-ID-PCE-2011-3-0792	DUMITRIU	RALUCA PETRONELA	Romanian Academy , "P. Poni" Institute of Macromolecular Chemistry, Iasi	NOI MATERIALE BIOACTIVE SI INTELIGENTE PENTRU AMBALAJE ALIMENTARE	NEW BIOACTIVE AND SMART MATERIALS FOR FOOD PACKAGING	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
1015	PN-II-ID-PCE-2011-3-0737	cimpean	anisoara	University of Bucharest, Department of Biochemistry and Molecular Biology		In vitro effects of beta-titanium alloys on biological behavior of macrophages and their cross-talk with osteoblasts	LS3	Cellular and Developmental Biology: cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals
1016	PN-II-ID-PCE-2011-3-0853	TOMOAIA-COTISEL	MARIA	Babes-Bolyai University of Cluj-Napoca	NANOSTRUCTURI MULTIFUNCTIONALE FORMATE DIN NANOPARTICULE DE AUR SAU ARGINT SI DIVERSE BIOMOLECULE CU APLICATII MEDICALE	MULTIFUNCTIONAL NANOSTRUCTURES FORMED OF GOLD OR SILVER NANOPARTICLES AND DIFFERENT BIOMOLECULES WITH MEDICAL APPLICATIONS Acronym: NANOMED	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics
1017	PN-II-ID-PCE-2011-3-0788	Cucuianu	Andrei	Universitatea de Medicina si Farmacie "Iuliu Hatieganu" Cluj-Napoca	Evaluarea complexa a factorilor genetici implicati in aparitia neoplasmelor mieloproliferative si a complicatiilor trombotice ale acestora	A comprehensive assesment of the genetic factors involved in the occurrence of myeloproliferative neoplasms and their thrombotic complications	LS2	Genetics, Genomics, Bioinformatics and Systems Biology: genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics, metabolomics, bioinformatics, computational biology, biostatistics, biological modelling and simulation, system
1018	PN-II-ID-PCE-2011-3-0968	Beciu	Camelia	National School of Political and Administrative Studies	Diaspora in sfera politico-mediatica din Romania. De la eveniment la constructia mediatica a problemelor publice	Diaspora in the Romanian Media and Political Sphere. From Event to the Social Construction of Public Issues	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology

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1019	PN-II-ID-PCE-2011-3-0872	Craus	Mihail Liviu	National Institute of Research and Development for Technical Physics	Poli- si nanooxizi de tip perovskit magnetorezistivi si magnetocalorici. Sinteza, structura magnetica/cristalina si fenomene de transport	Magnetoresistive and magnetocaloric poly- and nanooxides perovskite type. Synthesis, crystalline/magnetic structure and transport phenomena	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
1020	PN-II-ID-PCE-2011-3-0813	Ichim	Ofelia	Romanian Academy - Iasi Branch "A. Philippide" Institute of Romanian Philology	Baza de date privind viata literara si culturala romaneasca din diaspora. Autori si publicatii periodice tiparite si on-line (1990-2010)	A Database for the Literary and Cultural Life in Romanian Diaspora. Authors and Printed and On-Line Periodicals (1990-2010)	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
1021	PN-II-ID-PCE-2011-3-1064	Gheorghiu	Mihai Dinu	University "Alexandru Ioan Cuza" Iasi	Spitalul, institutie sociala si institutie medicala. Efectele schimbărilor organizaționale asupra relațiilor profesionale	The Hospital as a Social and Medical Institution. The Effects of Hospital Organisational Changes on Professional Relations	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
1022	PN-II-ID-PCE-2011-3-0774	HARZA	MIHAI	FUNDENI CLINICAL INSTITUTE		PREDICTIVE MODELS FOR TREATMENT RESPONSE AND SURVIVAL IN PROSTATE CANCER	LS4	Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome
1023	PN-II-ID-PCE-2011-3-0955	cojocar	sergiu	Institutul National de Cercetare-Dezvoltare pentru Fizica si Inginerie Nucleara "Horia Hulubei" (IFIN-HH)		Anomalous properties of the hole and electron doped high-Tc cuprate superconductors: similarities and differences	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
1024	PN-II-ID-PCE-2011-3-0860	Bruma	Maria	"Petru Poni" Institute of Macromolecular Chemistry	Nanomateriale pe baza de polimeri heterociclici de inalta performanta pentru aplicatii in electronica si optoelectronica	Nano-materials based on high-performance heterocyclic polymers for use in electronic and optoelectronic applications	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
1025	PN-II-ID-PCE-2011-3-0849	FRUNZETI	TEODOR	"Carol I" National Defence University		EPISTEMIC COMPETENCY FOR MILITARY DECISION-MAKERS. THEORETICAL AND EXPERIMENTAL ADVANCES TOWARDS SELF-DIRECTED LEARNING AND LIFELONG LEARNING	SH4	The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education

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1026	PN-II-ID-PCE-2011-3-0828	Bratfalean	Radu	National Institute for Research and Development of Isotopic and Molecular Technologies		Gallium-based thermally-active optical reflectors with high contrast extinction ratio	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
1027	PN-II-ID-PCE-2011-3-1032	Mihalache	Valentina	National Institute of Materials Physics	Elaborarea filmelor subtiri de Ce _{1-x} Gd _x O _{2-x} cu un potential aplicativ in dispozitive electrochimice	Elaboration of Ce _{1-x} Gd _x O _{2-x} thin films for their potential application in electrochemical devices	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
1028	PN-II-ID-PCE-2011-3-0902	Babarada	Florin	University POLITEHNICA of Bucharest	Compilarea in semiconductori a dispozitivelor electronice avansate-Fabricarea virtuala a plachetelor	Compilation in Semiconductors of Advanced Electronics Devices-Virtual Wafers Fabrication (CSAED_VWF)	PE3	Condensed matter physics: structure, electronic properties, fluids, nanosciences
1029	PN-II-ID-PCE-2011-3-0944	Olaru	Niculae	"Petru Poni" Institute of Macromolecular Chemistry		Development of Silver- and Zinc Oxide-Polymer Functional Nanostructures	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
1030	PN-II-ID-PCE-2011-3-0827	GLUCK	GABRIEL	Fundeni Clinical institute		THE MANAGEMENT OF UNRESECTABLE LYMPHNODES DURING CYSTECTOMY FOR ADVANCED BLADDER CANCER	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
1031	PN-II-ID-PCE-2011-3-0974	Aflori	Magdalena	Petru Poni Institute of Macromolecular Chemistry	Modificari conventionale si neconventionale ale polimerilor pentru bio-aplicatii	Conventional and nonconventional modifications of polymers for target bio-applications	PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
1032	PN-II-ID-PCE-2011-3-1054	Hasan	Iftekhhar	Universitatea Romano-Americana	Incertitudine, Complexitate si Stabilitate Financiara	Uncertainty, Complexity, and Financial Stability	SH1	Individuals, institutions and markets: economics, finance and management

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1033	PN-II-ID-PCE-2011-3-1058	TUDOREANU	LILIANA	UNIVERSITY OF AGRONOMICAL SCIENCES AND VETERINARY MEDICINE BUCHAREST		Modeling the effect of mineral and polyphenolic content of some endogenous plant species on animals under heavy metals stress and animal produces	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
1034	PN-II-ID-PCE-2011-3-1074	Raduta	Alexandru	Horia Hulubei National Institute of Physics and Nuclear Engineering	Studii de Multifragmentare Nucleara	Studies of Nuclear Multifragmentation	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
1035	PN-II-ID-PCE-2011-3-0962	Riga	Sorin	Al. Obregia Clin. Hosp. Psychiatry - Dept. Stress Res. & Prophylaxis	Medicina preventivă în anxietate și depresie - cercetări translaționale în stress, genomică, vulnerabilitate și cogniție	Preventive medicine in anxiety and depression - translational research in stress, genomics, vulnerability and cognition	LS5	Neurosciences and neural disorders: neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological disorders, psychiatry
1036	PN-II-ID-PCE-2011-3-1066	Paslaru	Liliana Livia	University of Medicine and Pharmacy Carol Davila, Bucharest	Identificarea si caracterizarea unor mecanisme de transformare maligna si a unor noi tinte terapeutice in cancerul de colon	Identification and caracterisation of some mechanisms of malignant transformation and of some new therapeutic targets in colon cancer	LS4	Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome
1037	PN-II-ID-PCE-2011-3-0932	tirnovan	radu adrian	Technical University of Cluj-Napoca		Research on analysis and multiphysics modeling of the electrical energy generation/storage systems based on proton exchange membrane fuel cells PEMFC	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
1038	PN-II-ID-PCE-2011-3-1049	Hristea	Adriana	"CAROL DAVILA" UNIVERSITY OF MEDICINE AND PHARMACY		NEW PROGNOSTIC BIOMARKERS AND PREDICTIVE MODEL FOR THERAPEUTIC RESPONSE OF CHRONIC HEPATITIS C WITH CRYOGLOBULINEMIC VASCULITIS	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
1039	PN-II-ID-PCE-2011-3-0929	Silisteanu	Ion	Horia Hulubei National Institute of Physics and Nuclear Engineering	Structura si reactiile de dezintegrare ale nucleelor super grele.	Strcuture and decay reactions of superheavy nuclei (SHN)	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics

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1040	PN-II-ID-PCE-2011-3-0924	Belega	Daniel-Cornel	Politehnica University of Timisoara, Faculty of electronics and Telecommunications	Testarea Dinamica a Convertoarelor Analog-Numerice de Rezolutii Ridicate pe baza algoritmilor "sine-fitting"	Dynamic Testing of High-Resolution Analog-to-Digital Converters by Means of Sine-Fitting Algorithms	PE7	Systems and communication engineering: electronic, communication, optical and systems engineering
1041	PN-II-ID-PCE-2011-3-0963	Atanasiu	Calin Vlad	National Institute for Laser, Plasma and Radiation Physics	INVESTIGAREA TEORETICA SI NUMERICA A CADERII TERMICE IN INSTALATII TOKAMAK	THEORETICAL AND NUMERICAL INVESTIGATION OF THE THERMAL QUENCH IN TOKAMAKS	PE2	Fundamental constituents of matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics
1042	PN-II-ID-PCE-2011-3-0920	Baltag	Octavian	Gr.T.Popa University of Medicine and Pharmacy	Cercetari privind geneza campurilor biomagnetice, caracterizarea si utilizarea lor in investigatii si diagnostic medical	Research concerning the genesis of the biomagnetic fields, their characterization and utilization in medical investigations and diagnosis	LS7	Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
1043	PN-II-ID-PCE-2011-3-1020	Cristea	Paul Dan	University "Politehnica" of Bucharest Biomedical Engineering Center	Analiza patologiei diabetului zaharat cu metodologiile de microarray, secvențiere și semnale genomice nucleotidice	Analysis of diabetes mellitus pathology by microarray, sequencing and nucleotide genomic signal methodologies	LS2	Genetics, Genomics, Bioinformatics and Systems Biology: genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics, metabolomics, bioinformatics, computational biology, biostatistics, biological modelling and simulation, system
1044	PN-II-ID-PCE-2011-3-1084	Andreescu	Gabriel	National School for Political Sciences and Public Administration		A canonical analysis of "collaboration with the Securitate as political police" as a question of the ethics and politics of memory	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
1045	PN-II-ID-PCE-2011-3-1062	Lazarescu	Eduard	University of Agricultural Science and Veterinary Medicine "Ion Ionescu de la Brad", Iasi, Romania		Association mapping for phenological, morphological, and phosphorus efficiency traits in winter rapeseed (Brassica napus L.)	LS9	Applied life sciences and biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation

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1046	PN-II-ID-PCE-2011-3-1026	Claudiu Cristian	Botar-Jid	Babes-Bolyai University		Investigation on the combustion-reformer integrated system for low noxious emissions at low temperature	PE8	Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering
1047	PN-II-ID-PCE-2011-3-1071	Dobrescu	Paul	National School of Political and Administrative Studies Bucharest		Pathways towards European citizenship: youth communities in a process of re-evaluation of values	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
1048	PN-II-ID-PCE-2011-3-1061	Mihai	Gheorghe	Universitatea "Stefan cel Mare" Suceava	Analiza teoretica si practica a institutiei juridice "Abuzul de drept"	Theoretical and practical analysis of the legal institution "Abuse of law"	SH2	Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology
1049	PN-II-ID-PCE-2011-3-1067	Ungureanu	Eleonora-Mihaela	University Politehnica of Bucharest	Proiectul intitulat ELCTROZI MODIFICAȚI PENTRU APLICAȚII ANALITICE vizează dezvoltarea de noi materiale pentru senzori electrochimici. Acest proiect	The project entitled MODIFIED ELECTRODES FOR ANALYTICAL APPLICATIONS aims the development of new materials for electrochemical sensors. This project	PE4	Physical and Analytical Chemical sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics