

Programul RESURSE UMANE_Proiecte de cercetare postdoctorala_Competitie 2012
Rezultate preliminare - Stiinte ingineresti

Nr. Crt.	cod Proiect	Domeniu	Nume	Prenume	Institutie	Titlu	Punctaj final
1	PN-II-RU-PD-2012-3-0050	Stiinte ingineresti	Surducan	Vasile	National Institute for Research and Development of Isotopic and Molecular Technologies	Pyrometric detectors array for microwave power treatments.	87,84
2	PN-II-RU-PD-2012-3-0122	Stiinte ingineresti	BALTA	HORIA	Universitatea "VALAHIA" din Targoviste	Study on Multi-non-binary turbo codes and Reed Solomon turbo codes	87,83
3	PN-II-RU-PD-2012-3-0536	Stiinte ingineresti	Lungu	Ion	Valahia University of Targoviste	Microassembling Reconfigurable and Self-Actuating Micro-Opto-Electro-Mechanical Systems (MOEMS)	87,33
4	PN-II-RU-PD-2012-3-0073	Stiinte ingineresti	Pelin	Irina Mihaela	"Petru Poni" Institute of Macromolecular Chemistry	A temporary occlusion system designed on biomimetic principles for dental applications	86,00
5	PN-II-RU-PD-2012-3-0467	Stiinte ingineresti	David	Mihai Sorin	International Center of Biodynamics	Sensitive quantitation of target microorganisms using dual electro plasmonic analysis and magnetic actuation	84,50
6	PN-II-RU-PD-2012-3-0144	Stiinte ingineresti	Croitoru	Cristiana Verona	Universitatea Politehnica Bucuresti	Innovative ventilated envelope elements for solar heat recovery in low energy buildings (SOLAIR)	84,16
7	PN-II-RU-PD-2012-3-0591	Stiinte ingineresti	Dragomir	Florin	Valahia University of Targoviste	A New On-Chip Magnetically-Actuated Mobile Microrobotic Agent and Embedded Control System	83,17
8	PN-II-RU-PD-2012-3-0380	Stiinte ingineresti	Stoican	Florin	Universitatea Politehnica din Bucuresti	Set-theoretic issues in control theory for particular families of sets	82,17
9	PN-II-RU-PD-2012-3-0345	Stiinte ingineresti	Belean	Ioan Bogdan	National Institute for Research and Development of Isotopic and Molecular Technologies	Low-complexity decoding algorithms and FPGA based hardware architectures for high-throughput LDPC decoders	80,67
10	PN-II-RU-PD-2012-3-0083	Stiinte ingineresti	Niculescu	Mihaela-Doina	NATIONAL RESEARCH AND DEVELOPMENT INSTITUTE FOR TEXTILE AND LEATHER (INCDTP)-DIVISION LEATHER AND FOOTWEAR RESEARCH INSTITUTE (ICPI)	Studies and research, in the development of materials and non-conventional methods to induce biocompatibility of rubber surfaces	78,00
11	PN-II-RU-PD-2012-3-0499	Stiinte ingineresti	VOICU	Rodica Cristina	National Institute for Research and Development in Microtechnologies	Structural Optimization, Modeling and Simulation of RF MEMS switches	77,17
12	PN-II-RU-PD-2012-3-0162	Stiinte ingineresti	Pop	Ana-Lidia	Technical University of Cluj-Napoca	The study of some vitreous systems with multiple technological applications	76,32
13	PN-II-RU-PD-2012-3-0349	Stiinte ingineresti	Chiscan	Ovidiu	"Gheorghe Asachi" Technical University of Iasi	Study of ferromagnetic nano and microstructured materials produced by electrospinning, with properties in high and ultrahigh frequency domains	74,67
14	PN-II-RU-PD-2012-3-0423	Stiinte ingineresti	Taralunga	Dragos Daniel	Politehnica Institute of Research, Development and Innovation	Biosignal enhancement and advanced biosignal processing to improve fetal monitoring.	74,67
15	PN-II-RU-PD-2012-3-0398	Stiinte ingineresti	Barbu	Marian	"Gheorghe Asachi" Technical University of Iasi	Hierarchical system for optimal control of integrated urban wastewater systems	74,00
16	PN-II-RU-PD-2012-3-0078	Stiinte ingineresti	Voicu	Viorel	Transilvania University of Brasov	Glycerol recovery by etherification with olefins: ecological additives for fuels	74,00

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17	PN-II-RU-PD-2012-3-0062	Stiinte ingineresti	Tanasa	Constantin	Romanian Academy - Timisoara Branch	Innovative magneto-rheological device solution for improving the performances of centrifugal pumps.	73,50
18	PN-II-RU-PD-2012-3-0319	Stiinte ingineresti	Iordache	Mariana Iuliana	National Institute for Laser, Plasma & Radiation Physics	Roughness at nanoscale	72,83
19	PN-II-RU-PD-2012-3-0553	Stiinte ingineresti	BALAN	ALEXANDRA LIGIA	Stefan cel Mare University, Suceava, Romania	Performance Analysis and Enhancement of Interference Reduction and Handoff Algorithms in 4G Communication Networks and Wireless Optical Communications	72,66
20	PN-II-RU-PD-2012-3-0331	Stiinte ingineresti	Sebastian	Aradoaei	S.C. Comfrac R&D Project Expert S.R.L. Bucuresti	Innovative green materials obtained from renewable resources with applications in electrical engineering	72,50
21	PN-II-RU-PD-2012-3-0301	Stiinte ingineresti	Racasan	Nicoleta-Adina	Babes-Bolyai University of Cluj-Napoca	Techniques to improve the electromagnetic devices performances designed in planar technology	72,50
22	PN-II-RU-PD-2012-3-0133	Stiinte ingineresti	Stefanescu	Alexandra Raluca	National Research and Development Institute for Microtechnologies IMT-Bucharest	GaN/Si Membrane Supported FBAR Filters for 2-6 GHz applications	72,34
23	PN-II-RU-PD-2012-3-0182	Stiinte ingineresti	Anton	Alin	ACADEMIA ROMANA FILIALA TIMISOARA	H2PC: A knowledge-based paradigm for highly-efficient high performance computing of self-induced numerical complex flows	71,84
24	PN-II-RU-PD-2012-3-0339	Stiinte ingineresti	Comsa	Ciprian Romeo	"Gheorghe Asachi" Technical University of Iasi	Compressive Localization with Software Defined Radios	70,50
25	PN-II-RU-PD-2012-3-0223	Stiinte ingineresti	Mogildea	Marian	National Institute for Laser, Plasma and Radiation Physics –Institute of Space Science	High Speed THz-TDS Imaging System	70,00
26	PN-II-RU-PD-2012-3-0582	Stiinte ingineresti	Vasilache	Viorica	Universitatea "Alexandru Ioan Cuza" din Iasi	STUDIES AND RESEARCH ON NEW ARCHAEOLOGICAL FEATURES INVOLVED IN VALORIZATION OF THE ARCHAEOLOGICAL METALLIC AND CERAMIC ARTIFACTS	70,00
27	PN-II-RU-PD-2012-3-0128	Stiinte ingineresti	Caruntu	Constantin Florin	Universitatea Politehnica din Timisoara	Networked predictive control based on polyhedral Lyapunov functions for high-tech fast systems with hardware/networking constraints	68,32
28	PN-II-RU-PD-2012-3-0347	Stiinte ingineresti	Serbanescu	Cristina	Politehnica University of Bucharest	Experimental study and modeling of the pyrolysis of the vegetal wastes impregnated with catalytic precursors	68,17
29	PN-II-RU-PD-2012-3-0259	Stiinte ingineresti	Stanciu	Irina	National Institute for Research and Development in Microtechnologies	Stochastic Simulation and Modeling of Micro-Electro-Fluidic Systems	68,00
30	PN-II-RU-PD-2012-3-0266	Stiinte ingineresti	bancuta	iulian	Valahia University Of Targoviste	Novel nanostructured skutterudite thin films for thermoelectric applications	66,83
31	PN-II-RU-PD-2012-3-0227	Stiinte ingineresti	Ene	Dragos Valentin	National Institute of Research and Development for Optoelectronics, INOE-2000	Synchronization and management of radar experimental data for archaeological survey	66,17
32	PN-II-RU-PD-2012-3-0638	Stiinte ingineresti	Apatean	Anca Ioana	Technical University of Cluj-Napoca	Researches on developing a general tool to detect and recognize objects in images by integrating information from one or multiple sources	66,17

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33	PN-II-RU-PD-2012-3-0566	Stiinte ingineresti	SORIN	POPA	UNIVERSITY VASILE ALECSANDRI	Analysis of geometrical elements, load capacity curve and surface texture on the reliability of rolling bearings.	65,67
34	PN-II-RU-PD-2012-3-0093	Stiinte ingineresti	Mitu	Ana Maria	Institute of Solid Mechanics of Romanian Academy	DEVELOPMENT OF NOVEL EXPERIMENTALY-BASED THEORETICAL METHODS FOR A PRECISE USE OF THE HYSTERESIS DIFFERENTIAL MODELS IN PRACTICAL APPLICATIONS	64,83
35	PN-II-RU-PD-2012-3-0140	Stiinte ingineresti	ienascu	ioana	National Institute for Research and Developing in Electrochemistry and Condensed Matter	ECO FRIENDLY MICROWAVE ASSISTED SYNTHESIS OF SOME NOVEL O-SUBSTITUTED HYDROXYBENZAMIDE DERIVATIVES AS POTENTIAL ANTIMICROBIAL AGENTS	64,33
36	PN-II-RU-PD-2012-3-0142	Stiinte ingineresti	Gherasimescu	Catalin	Universitatea "Alexandru Ioan Cuza" din Iasi	New materials and procedures used for the preservation and restoration of cellulosic textile fibers of old artefacts from national cultural heritage	62,83
37	PN-II-RU-PD-2012-3-0531	Stiinte ingineresti	EUGEN	ENCULESCU	UNIVERSITY VASILE ALECSANDRI	The increase of performances of cutting tools and active elements of agricultural domain, by multilayer PVD titanium coating	62,50
38	PN-II-RU-PD-2012-3-0214	Stiinte ingineresti	Plopa	Olga	COMFRAC R&D PROJECT EXPERT SRL	Development of new electromagnetic shielding materials with distributed impedance	61,33
39	PN-II-RU-PD-2012-3-0268	Stiinte ingineresti	Nemtanu	Florin	Universitatea din Pitesti	Autonomic Traffic Management Systems - architecture, algorithms and real time simulation	60,50
40	PN-II-RU-PD-2012-3-0072	Stiinte ingineresti	URSAN	GEORGE-ANDREI	SC COMFRAC R&D PROJECT EXPERT SRL	Applications of novel sensors in automobiles, based on classic and safety communication protocols	59,83
41	PN-II-RU-PD-2012-3-0568	Stiinte ingineresti	Nicolae	Maximilian	Universitatea "Valahia" din Targoviste	IMPROVEMENT OF MODELS AND SIMULATION METHODS FOR WIRELESS SENSOR NETWORKS NODES.	59,50
42	PN-II-RU-PD-2012-3-0077	Stiinte ingineresti	BUCUR	ROXANA DANA	"GHEORGHE ASACHI" TECHNICAL UNIVERSITY IASI	OBTAINING AND CHARACTERIZATION OF ENVIRONMENTALLY FRIENDLY CONCRETE FOR LIVESTOCK BUILDINGS	54,83
43	PN-II-RU-PD-2012-3-0325	Stiinte ingineresti	Angheluta	Laurentiu-Marian	National Institute of Research and Development for Optoelectronics INOE 2000, Magurele, Romania	Intelligent platform for the collaborative control of a teleoperated investigation device in the conservation of artworks	54,50
44	PN-II-RU-PD-2012-3-0597	Stiinte ingineresti	DANIEL	HERGHEA	UNIVERSITY VASILE ALECSANDRI	Research the top layer of the surface tension of hard and very hard, measured ultrasonic	51,83
45	PN-II-RU-PD-2012-3-0584	Stiinte ingineresti	Rusu	Marius Sebastian	Petru Maior University of Tirgu Mures	A novel unified and extensible framework for networked control systems	48,50
46	PN-II-RU-PD-2012-3-0289	Stiinte ingineresti	Boca	Mihai	„ Dunarea de Jos" University of Galati (UDJ)	Theoretical and experimental researches concerning the cutting prelucrability of some composite materials with polymeric matrix	48,17
47	PN-II-RU-PD-2012-3-0633	Stiinte ingineresti	Pirghie	Ana-Camelia	Stefan cel Mare University of Suceava	An interdisciplinary analysis of nanolubrication processes, heat transfer and magnetization reversal for the next generation hard disk drives	47,17
48	PN-II-RU-PD-2012-3-0440	Stiinte ingineresti	REȘCEANU	IONUȚ CRISTIAN	University of Medicine and Pharmacy of Craiova	ARTIFICIAL NEURAL NETWORKS AND FUZZY LOGIC CLASSIFICATION OF LIVER FIBROSIS USING ELASTOGRAPHY HUE HISTOGRAM ANALYSIS COMPARED TO FIBROSCAN AND FBMAX	44,34