

Program IDEI_Proiecte de Cercetare Exploratorie_Competitie 2011
Rezultate preliminare

Nr. Crt.	Cod Proiect	Domeniu	Nume	Prenume	Institutie	Titlul	Punctaj final	Buget total solicitat (lei)	STARE
1	PN-II-ID-PCE-2011-3-0583	Fizica	ANDREICA	Daniel	UNIVERSITATEA BABES-BOLYAI	Investigation of the phase diagram of selected compounds by muSR and muSR under peressure.	97.33	1,500,000.0	se incadreaza in bugetul competitiei
2	PN-II-ID-PCE-2011-3-1028	Fizica	Miclea	Corneliu Florin	National Institute of Materials Physics	Interplay between superconductivity and magnetism and superconducting order parameter symmetry in pnictide superconductors.	96.67	1,700,000.0	se incadreaza in bugetul competitiei
3	PN-II-ID-PCE-2011-3-0348	Fizica	Neda	Zoltan	Universitatea Babes Bolyai	Emergent synchronization in complex systems	94	950,000.0	se incadreaza in bugetul competitiei
4	PN-II-ID-PCE-2011-3-0607	Fizica	Ghilenca	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.	93.67	1,066,508.0	se incadreaza in bugetul competitiei
5	PN-II-ID-PCE-2011-3-0972	Fizica	Baran	Virgil	UNIVERSITY OF BUCHAREST	Collective dynamics, dissipation and fragmentation in mesoscopic quantum systems	93.33	1,500,000.0	se incadreaza in bugetul competitiei
6	PN-II-ID-PCE-2011-3-0092	Fizica	Delion	Doru-Sabin	Institutul National de Cercetare Dezvoltare pentru Fizica si Inginerie Nucleara Horia Hulubei	N-body correlations in exotic nuclear systems	93	1,500,000.0	se incadreaza in bugetul competitiei
7	PN-II-ID-PCE-2011-3-0224	Fizica	Dragoman	Daniela	Universitatea din Bucuresti	Analogies between electron transport in nanostructures and light propagation	92.67	1,500,000.0	se incadreaza in bugetul competitiei
8	PN-II-ID-PCE-2011-3-0368	Fizica	Petrovici	Mihai	"Horia Hulubei" National Institute of R&D for Physics and Nuclear Engineering	Search for collective type phenomena in p+p collisions at LHC energies	92.67	1,500,000.0	se incadreaza in bugetul competitiei
9	PN-II-ID-PCE-2011-3-0091	Fizica	Moldoveanu	Valeriu	National Institute of Materials Science	Exciton dynamics and time-dependent transport in optically active quantum dots	92	1,352,500.0	se incadreaza in bugetul competitiei
10	PN-II-ID-PCE-2011-3-0367	Fizica	Marginean	Nicolae Marius	National Institute for Physics and Nuclear Engineering	In-beam fast timing studies of the structure of neutron-rich nuclei in the vicinity of shell closures	92	1,500,000.0	se incadreaza in bugetul competitiei
11	PN-II-ID-PCE-2011-3-0487	Fizica	STANOIU	MIHAI	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU FIZICA SI INGINERIE NUCLEARA HORIA HULUBEI IFIN HH DIN BUCURESTI	Study of z=28 shell gap by the tensor force in neutron-rich isotopes	92	1,500,000.0	se incadreaza in bugetul competitiei
12	PN-II-ID-PCE-2011-3-0083	Fizica	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	91.67	1,500,000.0	se incadreaza in bugetul competitiei
13	PN-II-ID-PCE-2011-3-0619	Fizica	Baltog	Ioan	National Institute of Materials Physics	Nonlinear optical processes manifesting as Anderson localization of light in mesoscopic materials	91.33	1,500,000.0	se incadreaza in bugetul competitiei

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14	PN-II-ID-PCE-2011-3-0042	Fizica	Raduta	Apolodor Aristotel	Institute of Physics and Nuclear Engineering-Horia Hulubei	Topical research on nuclear structure, phase transitions and double beta decay. Acronim : TRNSPTDBD	91	1,500,000.0	se incadreaza in bugetul competitiei
15	PN-II-ID-PCE-2011-3-0749	Fizica	Muresan	Raluca-Anca	Horia Hulubei National Institute for Physics and Nuclear Engineering (IFIN-HH)	Studies of flavor production mechanisms in the pp interaction	91	1,700,000.0	se incadreaza in bugetul competitiei
16	PN-II-ID-PCE-2011-3-0363	Fizica	PAVEL	Nicolaie	National Institute for Laser, Plasma and Radiation Physics	Waveguide Laser Devices Realized by Direct Femtosecond Laser Writing Technique	90.67	1,500,000.0	se incadreaza in bugetul competitiei
17	PN-II-ID-PCE-2011-3-0050	Fizica	Poenaru	Dorin N.	Institutul National de Cercetare-Dezvoltare pentru Fizica si Inginerie Nucleara Horia Hulubei (IFIN-HH)	Decay modes of superheavy nuclei	90	1,500,000.0	se incadreaza in bugetul competitiei
18	PN-II-ID-PCE-2011-3-0958	Fizica	Ganciu-Petcu	Mihai	National Institute for Laser, Plasma and Radiation Physics	Electron acceleration and polaritonic transport by laser-plasma interaction in new capillary configuration	90	1,500,000.0	se incadreaza in bugetul competitiei
19	PN-II-ID-PCE-2011-3-0522	Fizica	Lungu	Petrica Cristian	National Institute for Laser, Plasma and Radiation Physics	Giga and tera-watt laser interaction with carbon, tungsten and beryllium films	89.75	1,500,000.0	se incadreaza in bugetul competitiei
20	PN-II-ID-PCE-2011-3-0192	Fizica	Nagy	Ladislau	Babes-Bolyai University	Interactions of atoms and molecules with laser pulses and charged particles	89.67	1,350,000.0	se incadreaza in bugetul competitiei
21	PN-II-ID-PCE-2011-3-0794	Fizica	Stancu	Alexandru	Universitatea "Alexandru Ioan Cuza" din Iasi	Hysteresis and switching in exotic nano and molecular magnetic structures (EXOTIC)	89.67	1,500,000.0	se incadreaza in bugetul competitiei
22	PN-II-ID-PCE-2011-3-1012	Fizica	Marian	Paulina Elisabeta	University of Bucharest	Quantum correlations in continuous-variable settings	89	1,275,000.0	se incadreaza in bugetul competitiei
23	PN-II-ID-PCE-2011-3-0203	Fizica	JIPA	ALEXANDRU	University of Bucharest, Faculty of Physics	Investigation of the quark-gluon plasma formation and the freeze-out process in relativistic nucleus-nucleus and proton-proton collisions	89	1,500,000.0	se incadreaza in bugetul competitiei
24	PN-II-ID-PCE-2011-3-0596	Fizica	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	88.67	1,500,000.0	se incadreaza in bugetul competitiei
25	PN-II-ID-PCE-2011-3-0425	Fizica	Kuncser	Victor Eugen	National Institute of Materials Physics	Advanced approach of magnetic relaxation	88	1,500,000.0	se incadreaza in bugetul competitiei
26	PN-II-ID-PCE-2011-3-0137	Fizica	Carstea	Adrian Stefan	Horia Hulubei National Institute of Physics and Nuclear Engineering	Singularities and Integrability of discrete and ultradiscrete dynamical systems	87.67	1,500,000.0	se incadreaza in bugetul competitiei

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27	PN-II-ID-PCE-2011-3-0801	Fizica	Dascalu	Traian	National Institute for Laser Plasma and Radiation Physics	Ultraintense THz wave generated in air-plasma by short-pulse high-intensity laser beam	87.33	1,500,000.0	se incadreaza in bugetul competitiei
28	PN-II-ID-PCE-2011-3-0554	Fizica	Misicu	Serban	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU FIZICA SI INGINERIE NUCLEARA HORIA HULUBEI (HORIE HULUBEI NATIONAL INSTITUTE FOR NUCLEAR PHYSICS AND ENGINEERING)	Heavy Ion Optical Potentials for Exotic Nuclei in Astrophysical Nuclear Reactions	87	1,200,000.0	se incadreaza in bugetul competitiei
29	PN-II-ID-PCE-2011-3-0194	Fizica	Nistor	Leona Cristina	National Institute of Materials Physics	MODULATING THE PROPERTIES OF SEMICONDUCTING QUANTUM DOTS WITH LATTICE DEFECTS	87	1,400,000.0	se incadreaza in bugetul competitiei
30	PN-II-ID-PCE-2011-3-0370	Fizica	Borcea	Catalin	Horia Hulubei National Institute for Physics and Nuclear Engineering (IFIN-HH)	Near barrier behaviour of fusion cross section with loosely bound projectiles or projectiles with cluster structure	87	1,500,000.0	se incadreaza in bugetul competitiei
31	PN-II-ID-PCE-2011-3-0318	Fizica	Stoica	Sabin	Fundatia Horia Hulubei	Development of models and methods for computation of the nuclear matrix elements involved in the study of double-beta decay	86.67	1,500,000.0	se incadreaza in bugetul competitiei
32	PN-II-ID-PCE-2011-3-0450	Fizica	Avrigeanu	Marilena	"Horia Hulubei" National Institute for Physics and Nuclear Engineering (IFIN-HH)	Deuteron-induced reactions at low and medium energies: Consistent direct and statistical model analysis	86.67	1,500,000.0	se incadreaza in bugetul competitiei
33	PN-II-ID-PCE-2011-3-0287	Fizica	Pintilie	Ioana	National Institute of Materials Physics	Comprehensive Investigation on Bulk Radiation Damage in Defect Engineered Silicon - from Point Defects to Clusters	86.5	1,457,625.0	se incadreaza in bugetul competitiei
34	PN-II-ID-PCE-2011-3-0153	Fizica	Petrovici	Alexandrina	Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering	Advanced Studies on Structure and Dynamics of Exotic Nuclei	86.33	1,500,000.0	se incadreaza in bugetul competitiei
35	PN-II-ID-PCE-2011-3-0665	Fizica	Popa	Vlad	Institute for Space Sciences	Exotic super-massive particles in Neutrino Telescopes	86.25	1,494,000.0	se incadreaza in bugetul competitiei
36	PN-II-ID-PCE-2011-3-0204	Fizica	Popa	Alexandru	National Institute for Research and Development in Laser, Plasma and Radiation Physics	Current challenges in modeling the generation of hard radiations by relativistic interactions between very intense laser beams and electrons or atoms	85.33	227,250.0	se incadreaza in bugetul competitiei
37	PN-II-ID-PCE-2011-3-0427	Fizica	Carstoiu	Florin	National Institute for Physics and Nuclear Engineering-Horia Hulubei	EXOTIC NUCLEAR MATTER IN THE EXPLOSIVE STAGE OF SUPERNOVAE	85.33	1,500,000.0	se incadreaza in bugetul competitiei
38	PN-II-ID-PCE-2011-3-0140	Fizica	Bucurescu	Dorel	Horia Hulubei National Institute of Physics and Nuclear Engineering	Spectroscopy of some less known atomic nuclei	84.67	1,500,000.0	se incadreaza in bugetul competitiei
39	PN-II-ID-PCE-2011-3-0264	Fizica	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	84.67	1,500,000.0	se incadreaza in bugetul competitiei

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40	PN-II-ID-PCE-2011-3-0789	Fizica	Vizman	Daniel	West University of Timisoara	Control of melt flow in a directional solidification configuration using an electromagnetic field	84.33	857,000.0	se incadreaza in bugetul competitiei
41	PN-II-ID-PCE-2011-3-0960	Fizica	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	84.25	1,500,000.0	se incadreaza in bugetul competitiei
42	PN-II-ID-PCE-2011-3-0070	Fizica	SAHAGIA	MARIA	Institutul National de Cercetare-Dezvoltare pentru Fizica si Inginerie Nucleara Horia Hulubei	ABSOLUTE STANDARDIZATION AND STUDY OF THE DECAY PARAMETERS FOR POSITRON EMITTERS USED IN PET SYSTEMS. ASSURANCE OF THE METROLOGICAL TRACEABILITY	84	1,500,000.0	se incadreaza in bugetul competitiei
43	PN-II-ID-PCE-2011-3-0691	Fizica	Brancus	Iliana	Horia Hulubei National Institute of Physics and Nuclear Engineering	The Nature of Cosmic Rays as Observed by Advanced Detectors	84	1,500,000.0	se incadreaza in bugetul competitiei
44	PN-II-ID-PCE-2011-3-0516	Fizica	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	83.33	1,200,000.0	se incadreaza in bugetul competitiei
45	PN-II-ID-PCE-2011-3-0049	Fizica	Poenariu-Gherghescu	Radu Alexandru	Horia Hulubei National Institute for Physics and Nuclear Engineering	Binary nuclear systems	83	1,500,000.0	lista de rezerva
46	PN-II-ID-PCE-2011-3-0068	Fizica	Mirea	Mihail	Horia Hulubei National Institute for Physics and Nuclear Engineering	STRONG DISSIPATIVE REGIME IN THE QUANTUM MECHANICS OF NUCLEAR REACTIONS	83	1,500,000.0	lista de rezerva
47	PN-II-ID-PCE-2011-3-1013	Fizica	Marghitu	Octav	INFLPR - INSTITUTUL DE STIINTE SPATIALE	Magnetosphere-Ionosphere Coupling in the Auroral Region (M-ICAR)	83	1,500,000.0	lista de rezerva
48	PN-II-ID-PCE-2011-3-0822	Fizica	Lupei	Voicu	National Institute of Lasers, Plasma and Radiation Physics	Quantum conversion processes of excitation in photon sources of prospect for sustainable energy production	83	1,500,000.0	lista de rezerva
49	PN-II-ID-PCE-2011-3-0082	Fizica	Popa	Nicolae	National Institute of Materials Physics	MACRO – STRESS AND MICRO – STRESS IN RIETVELD REFINEMENT: NEW MODELS AND APPROACHES	82.67	742,500.0	lista de rezerva
50	PN-II-ID-PCE-2011-3-0978	Fizica	Haiduc	Maria	INFLPR - Institute for Space Sciences	Study of diffractive processes in interactions of 1-4 GeV ions with nuclear emulsion and applications in astrophysics	82.67	1,497,500.0	lista de rezerva
51	PN-II-ID-PCE-2011-3-0620	Fizica	Polosan	Silviu	National Institute of Materials Physics	DUAL EMITTERS FOR DISPLAYS BASED ON OLED COMPOUNDS	82.67	1,500,000.0	lista de rezerva
52	PN-II-ID-PCE-2011-3-1007	Fizica	Barna	Valentin	University of Bucharest	New Metamaterial Classes for Applications in Optics and Photonics	82.67	1,500,000.0	lista de rezerva

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53	PN-II-ID-PCE-2011-3-0452	Fizica	Beu	Titus	University Babes-Bolyai	Computational studies of transport and encapsulation of inorganic/organic compounds in carbon nanotubes	82	1,367,500.0	lista de rezerva
54	PN-II-ID-PCE-2011-3-0854	Fizica	Echim	Marius	Institutul National de Cercetare Dezvoltare pentru Fizica Laserilor Plasmei si Radiatiei - Institutul de Stiinte Spatiale	Turbulence, Intermittency and Multiscale transfer of Energy in the Solar-wind and magnetosphere (TIMES)	82	1,700,000.0	lista de rezerva
55	PN-II-ID-PCE-2011-3-0413	Fizica	Ursescu	Daniel	Institutul National de Cercetare Dezvoltare pentru Fizica Laserilor, Plasmei si Radiatiei	Coherent combination of ultra-short laser pulses	81.67	1,500,000.0	lista de rezerva
56	PN-II-ID-PCE-2011-3-0296	Fizica	Nistor	Vasile Sergiu	National Institute of Materials Physics	THE ROLE OF ATOMIC DEFECTS IN TUNING THE MATERIAL PROPERTIES OF SYNTHETIC BORON NITRIDE SEMICONDUCTOR	81	1,500,000.0	lista de rezerva
57	PN-II-ID-PCE-2011-3-0711	Fizica	Avrigeanu	Vlad	"Horia Hulubei" National Institute for Physics and Nuclear Engineering (IFIN-HH)	Improved Nuclear Data Requested by Actual Fusion Technology (INDRAFT)	81	1,500,000.0	lista de rezerva
58	PN-II-ID-PCE-2011-3-0459	Fizica	Miu	Lucica	National Institute of Materials Physics	Paradigms of the vortex dynamics in high-temperature- and exotic superconductors	80.5	1,200,000.0	lista de rezerva
59	PN-II-ID-PCE-2011-3-1063	Fizica	Stoicea	Gabriel	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU FIZICA SI INGINERIE NUCLEARA "HORIA HULUBEI"	Search for excited quarks in pp collisions at LHC energies	80.33	1,499,998.0	lista de rezerva
60	PN-II-ID-PCE-2011-3-0220	Fizica	Niculescu	Ecaterina Cornelia	Universitatea Politehnica Bucuresti	FREESTANDING NANOSTRUCTURES UNDER INTENSE LASER FIELDS: MODELING THE OPTOELECTRONIC PROPERTIES	80.25	767,500.0	lista de rezerva
61	PN-II-ID-PCE-2011-3-0447	Fizica	Anghel	Sorin Dan	Babes-Bolyai University	DBD in plan-parallel and pin to plane electrodes configuration generated in resonant circuits for surface treatment of thermo-sensitive materials	80	1,091,830.0	lista de rezerva
62	PN-II-ID-PCE-2011-3-0417	Fizica	Enculescu	Ionut-Marius	National Institute of Materials Physics	Charge and spin control in field effect transistors with nanowire channel	80	1,500,000.0	lista de rezerva
63	PN-II-ID-PCE-2011-3-0093	Fizica	Apostol	Marian	Research and Development National Institute of Physics and Nuclear Engineering - "Horia Hulubei"	Classical and Semi-Classical Interaction of Matter with the Electromagnetic Field	79.67	1,447,000.0	lista de rezerva
64	PN-II-ID-PCE-2011-3-0419	Fizica	Culea	Eugen	Technical University of Cluj-Napoca	Structural and behavioral effects of mixed rare earth species and metal nanoparticles co-doping of tellurate glasses	79.67	1,448,400.0	lista de rezerva
65	PN-II-ID-PCE-2011-3-0914	Fizica	GHEORGHIU	EUGEN	INTERNATIONAL CENTRE OF BIODYNAMICS	NOVEL PLATFORM FOR ELECTRO-OPTICAL INVESTIGATION OF LIVING CELLS - NEOINCELL	79.5	1,500,000.0	lista de rezerva

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66	PN-II-ID-PCE-2011-3-0353	Fizica	Tosa	Valer	INSTITUTUL NATIONAL DE CERCETARE-DEZVOLTARE TEHNOLOGII IZOTOPICE SI MOLECULARE	High order harmonic generation in gas media by multicolor light waveforms	79.33	1,499,800.0	lista de rezerva
67	PN-II-ID-PCE-2011-3-0229	Fizica	Lazanu	Sorina	National Institute of Materials Physics	Energy transfer in the interaction of ions and molecular clusters with solids	79.25	1,500,000.0	lista de rezerva
68	PN-II-ID-PCE-2011-3-0135	Fizica	Morari	Cristian	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU TEHNOLOGII IZOTOPICE SI MOLECULARE CLUJ-NAPOCA	ELECTRONIC AND TRANSPORT PROPERTIES OF DNA NUCLEOTIDES WITH APPLICATION IN DNA SEQUENCING	78.67	1,461,150.0	lista de rezerva
69	PN-II-ID-PCE-2011-3-0777	Fizica	Deac	Iosif-Grigore	Babes-Bolyai University Cluj-Napoca, Romania	Multiferroicity in transition metal oxides	78.67	1,500,000.0	lista de rezerva
70	PN-II-ID-PCE-2011-3-1000	Fizica	Cimpoesu	Dorin	Universitatea "Alexandru Ioan Cuza" din Iasi	Energy assisted magnetization reversal - dynamics and thermal effects (DYNAMIC)	78.67	1,500,000.0	lista de rezerva
71	PN-II-ID-PCE-2011-3-0016	Fizica	TUDORA	Anabella	University of Bucharest, Faculty of Physics	Modeling of the prompt fission neutron emission	78.33	598,500.0	lista de rezerva
72	PN-II-ID-PCE-2011-3-0113	Fizica	Nica	Petru-Edward	The Gheorghe Asachi Technical University of Iasi	Characterization of particles and radiation emission from double-pulse laser produced plasma	78	964,240.0	nefinantabil
73	PN-II-ID-PCE-2011-3-0273	Fizica	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	78	1,125,000.0	nefinantabil
74	PN-II-ID-PCE-2011-3-0206	Fizica	Alexandru	Marcu	Babes-Bolyai University	Remote diagnostics of space plasmas (REDSSPLA)	77.67	1,125,812.5	nefinantabil
75	PN-II-ID-PCE-2011-3-0149	Fizica	Negret	Alexandru	Horia Hulubei National Institute for Physics and Nuclear Engineering	High precision measurements of neutron inelastic cross sections for light and medium nuclei	77.67	1,491,645.0	nefinantabil
76	PN-II-ID-PCE-2011-3-0418	Fizica	Pantelica	Dan-Emanoil	Horia Hulubei National Institute of Physics and Nuclear Engineering, IFIN-HH	Study of the shape coexistence near the N=38 shell gap	77.67	1,500,000.0	nefinantabil
77	PN-II-ID-PCE-2011-3-0747	Fizica	Stefan	Mariana	National Institute of Materials Physics	Defect centers in luminescent oxide nanostructures	77.67	1,500,000.0	nefinantabil
78	PN-II-ID-PCE-2011-3-0498	Fizica	Magdalena Lidia	Ciurea	National Institute of Materials Physics	Study of Si1-xGex nanocrystals embedded in silica.	77.33	1,500,000.0	nefinantabil

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79	PN-II-ID-PCE-2011-3-0491	Fizica	Tudor	Tiberiu	University of Bucharest	Pure operatorial ("non-matrix") approaches to the interaction of static and dynamic polarization devices with polarized light and applications.	77	1,500,000.0	nefinantabil
80	PN-II-ID-PCE-2011-3-0689	Fizica	Dimitriu	Dan-Gheorghe	Universitatea Alexandru Ioan Cuza Iasi	Instabilities and chaotic phenomena in low-temperature plasma	76.67	1,500,000.0	nefinantabil
81	PN-II-ID-PCE-2011-3-0684	Fizica	Stanculescu	Anca	National Institute of Materials Physics	NEW ORGANIC FIELD EFFECT TRANSISTOR STRUCTURES WITH NUCLEOBASES INSULATING LAYER FOR FUTURE SENSING APPLICATIONS	76.67	1,500,000.0	nefinantabil
82	PN-II-ID-PCE-2011-3-1051	Fizica	Simona	RADA	Technical University of Cluj-Napoca	Experimental investigations and molecular modeling simulations on the ionic conducting unconventional glasses with applications in optoelectronics	76.5	1,500,000.0	nefinantabil
83	PN-II-ID-PCE-2011-3-0649	Fizica	Benea	Diana	Babes-Bolyai University Cluj-Napoca	Magnetic and electronic properties of some new Heusler materials with application in spintronics	76.33	1,275,000.0	nefinantabil
84	PN-II-ID-PCE-2011-3-1074	Fizica	Raduta	Alexandru	Horia Hulubei National Institute of Physics and Nuclear Engineering	Studies of Nuclear Multifragmentation	76	750,000.0	nefinantabil
85	PN-II-ID-PCE-2011-3-0127	Fizica	Cata-Danil	Irina	Institutul National de Cercetare-Dezvoltare pentru Fizica si Inginerie Nucleara "Horia Hulubei"	"Nuclear reactions regarding radiocative capture of astrophysical interests"	75.75	1,500,000.0	nefinantabil
86	PN-II-ID-PCE-2011-3-0440	Fizica	DOROLTI	EUGEN	BABES BOLYAI UNIVERSITYCLUJ-NAPOCA	Control of Tunnel and Colossal Magnetoresistances by doping ferromagnetic Mott insulators	75.67	1,439,790.0	nefinantabil
87	PN-II-ID-PCE-2011-3-0077	Fizica	Todica	Mihai	University Babes-Bolyai, Faculty of Physics	Polymeric membranes for medical applications	75.25	1,395,000.0	nefinantabil
88	PN-II-ID-PCE-2011-3-0642	Fizica	Pop	Viorel	Universitatea Babes-Bolyai	Interphase Exchange Coupling in Hard/Soft Magnetic Nanocomposite; Powders, Ribbons and Thin Layers	75	1,480,000.0	nefinantabil
89	PN-II-ID-PCE-2011-3-0379	Fizica	Dumitras	Dan Constantin	National Institute for Laser, Plasma and Radiation Physics	Differentiation of Benign and Malign Breast Lesions by Diffuse Optical Tomography (DML-DOT)	75	1,500,000.0	nefinantabil
90	PN-II-ID-PCE-2011-3-0460	Fizica	TETEAN VINTELER	ROMULUS	BABES-BOLYAI UNIVERSITY	Basic researches on physical properties and magnetocaloric effect of nanostructured double layered perovskites-bulk and thin films	74.67	1,500,000.0	nefinantabil
91	PN-II-ID-PCE-2011-3-0541	Fizica	ALEXA	CALIN	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU FIZICA SI INGINERIE NUCLEARA HORIA HULUBEI IFIN HH DIN BUCURESTI	Study of charged heavy leptons production at the LHC	74.33	1,500,000.0	nefinantabil

Program IDEI_Proiecte de Cercetare Exploratorie_Competitie 2011
Rezultate preliminare

Nr. Crt.	Cod Proiect	Domeniu	Nume	Prenume	Institutie	Titlul	Punctaj final	Buget total solicitat (lei)	STARE
92	PN-II-ID-PCE-2011-3-0872	Fizica	Craus	Mihail Liviu	National Institute of Research and Development for Technical Physics	Magnetoresistive and magnetocaloric poly- and nanooxides perovskite type. Synthesis, crystalline/magnetic structure and transport phenomena	74.33	1,700,000.0	nefinantabil
93	PN-II-ID-PCE-2011-3-0963	Fizica	Atanasiu	Calin Vlad	National Institute for Laser, Plasma and Radiation Physics	THEORETICAL AND NUMERICAL INVESTIGATION OF THE THERMAL QUENCH IN TOKAMAKS	74	1,300,000.0	nefinantabil
94	PN-II-ID-PCE-2011-3-0165	Fizica	Ghica	Corneliu	National Institute of Materials Physics	Atomically resolved structure and interface reaction in nano-scale modulated systems	73.33	1,442,500.0	nefinantabil
95	PN-II-ID-PCE-2011-3-0955	Fizica	cojocaru	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	72.67	1,491,376.0	nefinantabil
96	PN-II-ID-PCE-2011-3-0179	Fizica	Petris	Adrian	Institutul National de Cercetare - Dezvoltare pentru Fizica Laserilor, Plasmei si Radiatiei	Characterizing and controlling femtosecond excited high-order optical nonlinearities in nano-structured materials	72.5	1,500,000.0	nefinantabil
97	PN-II-ID-PCE-2011-3-0725	Fizica	Ursu	Ioan	Institutul National de Cercetare-Dezvoltare pentru Fizica si Inginerie Nucleara Horia Hulubei	Novel PET, TRT and SPECT tracers using molecular targets	72	1,500,000.0	nefinantabil
98	PN-II-ID-PCE-2011-3-0608	Fizica	Chiroiu	Veturia	Institute of Solid Mechanics, Romanian Academy	The theory of acoustic cloaking	71.75	1,206,000.0	nefinantabil
99	PN-II-ID-PCE-2011-3-0750	Fizica	Popa	Lucia	Institute for Space Sciences	Enlightening the Dark Universe in Particle Physics Motivated Cosmologies	71.33	1,496,400.0	nefinantabil
100	PN-II-ID-PCE-2011-3-0734	Fizica	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)	71.33	1,500,000.0	nefinantabil
101	PN-II-ID-PCE-2011-3-0929	Fizica	Silisteanu	Ion	Horia Hulubei National Institute of Physics and Nuclear Engineering	Strcuture and decay reactions of superheavy nuclei (SHN)	71	1,200,000.0	nefinantabil
102	PN-II-ID-PCE-2011-3-0461	Fizica	Nita	Marian	National Institute of Materials Physics	Spin currents and spin caloric transport in mesoscopic devices and nanostructures.	70.75	1,500,000.0	nefinantabil
103	PN-II-ID-PCE-2011-3-0670	Fizica	Preda	Titi	INFLPR - Institute for Space Sciences	Monte Carlo evaluations of NEutron CROss Section relevant for high-energy domain	70.67	1,470,000.0	nefinantabil
104	PN-II-ID-PCE-2011-3-0811	Fizica	BUICA	Gabriela	Institute for Space Sciences	Coherent control in atoms with a train of ultrashort laser pulses	70	1,500,000.0	nefinantabil

Program IDEI_Proiecte de Cercetare Exploratorie_Competitie 2011
Rezultate preliminare

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105	PN-II-ID-PCE-2011-3-0085	Fizica	ION	DUMITRU	NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT FOR PHYSICS AND NUCLEAR ENGINEERING HORIA HULUBEI	EXPLORATORY RESEARCH IN NUCLEAR AND SUBNUCLEAR PHYSICS BASED ON SYMMETRY AND OPTIMALITY PRINCIPLES IN SPACE OF STATES	69.75	1,000,000.0	nefinantabil
106	PN-II-ID-PCE-2011-3-0772	Fizica	cretu	nicolae	UNIVERSITATEA TRANSILVANIA DIN BRASOV	HIGHER ORDER MOMENTS AND STATISTICAL METHODS APPLIED IN ESTIMATION OF THE TRANSIENTS	69.33	1,500,000.0	nefinantabil
107	PN-II-ID-PCE-2011-3-0611	Fizica	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	69	1,419,005.0	nefinantabil
108	PN-II-ID-PCE-2011-3-0259	Fizica	Grigore	Radu-Dan	Horia Hulubei National Institute of Physics and Nuclear Engineering	Algebraic and combinatorial methods applied in quantum mechanics and quantum gravity	68.67	1,500,000.0	nefinantabil
109	PN-II-ID-PCE-2011-3-0451	Fizica	Eugen	Pavel	Politehnica University of Bucharest	Optical lithography with atomic resolution	68.67	1,500,000.0	nefinantabil
110	PN-II-ID-PCE-2011-3-0330	Fizica	Bizdadea	Constantin	University of Craiova	Matter-vectors interactions, generalized couplings and cohomologies	66.67	1,498,236.1	nefinantabil
111	PN-II-ID-PCE-2011-3-0986	Fizica	Caizer	Costica	West University of Timisoara	Superparamagnetic hyperthermia in the magnetoliposomes/magnetocyclodextrins nanosystems with target application in the breast cancer/skin carcinoma	66	1,500,000.0	nefinantabil
112	PN-II-ID-PCE-2011-3-1077	Fizica	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	66	1,500,000.0	nefinantabil
113	PN-II-ID-PCE-2011-3-1005	Fizica	Comisel	Horia	Institute for Space Sciences, Bucharest	Shock acceleration and Associated interstellar phenomena in relation to nucleosynthesis (STARIONS)	65.33	1,500,000.0	nefinantabil
114	PN-II-ID-PCE-2011-3-0146	Fizica	Logofatu	Petre	National Institute for Research and Development for the Laser, Plasma and Radiation Physics	Innovative optical metrology techniques for the characterization of periodic media	65	1,500,000.0	nefinantabil
115	PN-II-ID-PCE-2011-3-0335	Fizica	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	65	1,500,000.0	nefinantabil
116	PN-II-ID-PCE-2011-3-0803	Fizica	Salabas	Aurel	University of Craiova Faculty of Physics	Numerical Simulation of Low-Temperature Plasma Devices - gate for new plasma sources -	64.33	1,699,999.0	nefinantabil
117	PN-II-ID-PCE-2011-3-0261	Fizica	Osiac	Mariana	UNIVERSITATEA din CRAIOVA	Study of plasma plume dynamics, laser desorption mechanism and crystallization properties of doped GeSb ₂ Te ₄ obtained by pulsed laser deposition	64	1,500,000.0	nefinantabil

Program IDEI_Proiecte de Cercetare Exploratorie_Competitie 2011
Rezultate preliminare

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118	PN-II-ID-PCE-2011-3-0891	Fizica	Danca	Marius-Florin	Institutul Român de Știință și Tehnologie	PARAMETER SWITCHING FOR SOME CLASSES OF DYNAMICAL SYSTEMS; PROPERTIES AND APPLICATIONS	63.33	867,000.0	nefinantabil
119	PN-II-ID-PCE-2011-3-0022	Fizica	Nicolae	Goga	Politehnica University of Bucharest	Multiscale Methods for Molecular Dynamics	63.25	1,699,996.0	nefinantabil
120	PN-II-ID-PCE-2011-3-0636	Fizica	Groza	Andreea Liliana	National Institute for Laser, Plasma and Radiation Physics	Pulsed metastable atoms sources for mass spectrometry analytical applications	61.25	1,500,000.0	nefinantabil
121	PN-II-ID-PCE-2011-3-0357	Fizica	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	60.67	1,500,000.0	nefinantabil
122	PN-II-ID-PCE-2011-3-0984	Fizica	Dondera	Mihai	University of Bucharest	Intense coherent radiation in interaction with electrons, ions and atoms	59	1,500,000.0	nefinantabil
123	PN-II-ID-PCE-2011-3-0221	Fizica	Lazanu	Ionel	University of Bucharest	New studies for massive dark matter particles and other rare processes	57.75	1,500,000.0	nefinantabil
124	PN-II-ID-PCE-2011-3-0647	Fizica	COVLEA	VANIA	University of Bucharest, Faculty of Physics	Connections between classical plasmas and quark-gluon plasma in CBM (Compressed Baryonic Matter) experiment, FAIR	55.67	1,500,000.0	nefinantabil
125	PN-II-ID-PCE-2011-3-0033	Fizica	Culetu	Hristu	Ovidius University of Constanta	Anisotropic Fluid Models with Applications in Black Hole Physics, Relativistic Stars and QGP Expansion	51.75	559,020.0	nefinantabil
126	PN-II-ID-PCE-2011-3-0817	Fizica	Lungu	Radu Paul	University of Bucharest	Phase transitions in a ternary molecular model with three-body interactions and orientationally bonding on the Bethe and honeycomb lattices	51.75	900,000.0	nefinantabil
127	PN-II-ID-PCE-2011-3-0444	Fizica	Palcu	Adrian	"Aurel Vlaicu" University Arad	MODERN APPROACHES IN PARTICLE PHYSICS: NEW RESULTS AND PERSPECTIVES IN THE LHC ERA	50	1,250,000.0	nefinantabil
128	PN-II-ID-PCE-2011-3-0142	Fizica	crisan	vasile	Babes-Bolyai University, Faculty of Physics	CHEMICAL ORDERING AND TOPOLOGICAL DISORDER IN FERROMAGNETIC AND ANTIFERROMAGNETIC Mn-3D TRANSITION METAL ALLOYS FROM AB INITIO CALCULATIONS	45.75	785,000.0	nefinantabil