

Program IDEI_Proiecte de Cercetare Exploratorie_Competitie 2011
Rezultate finale_Proiecte propuse la finantare

Nr. Crt.	Cod Proiect	Domeniu	Nume	Prenume	Institutie	Titlul	Buget total propus (lei)	Punctaj final
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.	1,500,000.0	97.33
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.	1,700,000.0	96.67
3	PN-II-ID-PCE-2011-3-0348	Fizica	Neda	Zoltan	Universitatea Babes Bolyai	Emergent synchronization in complex systems	950,000.0	94.00
4	PN-II-ID-PCE-2011-3-0607	Fizica	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.	1,066,508.0	93.67
5	PN-II-ID-PCE-2011-3-0972	Fizica	Baran	Virgil	UNIVERSITY OF BUCHAREST	Collective dynamics, dissipation and fragmentation in mesoscopic quantum systems	1,500,000.0	93.33
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	1,500,000.0	93.00
7	PN-II-ID-PCE-2011-3-0224	Fizica	Dragoman	Daniela	Universitatea din Bucuresti	Analogies between electron transport in nanostructures and light propagation	1,500,000.0	92.67
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	1,500,000.0	92.67
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	1,352,500.0	92.00
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	1,500,000.0	92.00
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	1,500,000.0	92.00
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	1,500,000.0	91.67
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	1,500,000.0	91.33

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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	1,500,000.0	91.00
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	1,700,000.0	91.00
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	1,500,000.0	90.67
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	1,128,000.0	90.00
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	1,500,000.0	90.00
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	1,500,000.0	89.75
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	1,350,000.0	89.67
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)	1,500,000.0	89.67
22	PN-II-ID-PCE-2011-3-1012	Fizica	Marian	Paulina Elisabeta	University of Bucharest	Quantum correlations in continuous-variable settings	1,275,000.0	89.00
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	1,500,000.0	89.00
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	1,500,000.0	88.67
25	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	1,200,000.0	88.50
26	PN-II-ID-PCE-2011-3-0425	Fizica	Kuncser	Victor Eugen	National Institute of Materials Physics	Advanced approach of magnetic relaxation	1,500,000.0	88.00

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27	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	1,500,000.0	87.67
28	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	1,457,625.0	87.50
29	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	1,500,000.0	87.33
30	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	1,400,000.0	87.00
31	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	1,500,000.0	87.00
32	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	1,500,000.0	86.67
33	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	1,500,000.0	86.67
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	1,500,000.0	86.33
35	PN-II-ID-PCE-2011-3-0665	Fizica	Popa	Vlad	Institute for Space Sciences	Exotic super-massive particles in Neutrino Telescopes	1,494,000.0	86.25
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	227,250.0	85.33
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	1,500,000.0	85.33
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	1,500,000.0	84.67
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	1,500,000.0	84.67

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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	857,000.0	84.33
41	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	1,500,000.0	84.33
42	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	1,500,000.0	84.25
43	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	1,500,000.0	84.00
44	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	1,500,000.0	84.00
45	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	1,200,000.0	83.33
46	PN-II-ID-PCE-2011-3-0049	Fizica	Poenariu-Gherghescu	Radu Alexandru	Horia Hulubei National Institute for Physics and Nuclear Engineering	Binary nuclear systems	1,500,000.0	83.00
47	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	1,450,000.0	83.00
48	PN-II-ID-PCE-2011-3-1013	Fizica	Marghitu	Octav	INFLPR - INSTITUTUL DE STIINTE SPATIALE	Magnetosphere-Ionosphere Coupling in the Auroral Region (M-ICAR)	1,200,000.0	83.00