

Program Resurse Umane_Proiecte de cercetare pentru sttimularea constituirii de tinere echipe de cercetare independente
Rezultate preliminare

Nr. Crt.	Cod Proiect	Domeniu	Nume	Prenume	Institutie	Titlul	Punctaj final	Buget total solicitat (lei)	STARE
1	PN-II-RU-TE-2011-3-0121	Fizica	Ercsey-Ravasz	Maria-Magdolna	Universitatea Babes-Bolyai	A continuous-time approach to constraint satisfaction: Optimization hardness as transient chaos	94.67	920,000	se incadreaza in bugetul competitiei
2	PN-II-RU-TE-2011-3-0015	Fizica	Magureanu	Monica	National Institute for Lasers, Plasma and Radiation Physics	Degradation of pharmaceutical compounds in water by non-thermal plasma	93.33	750,000	se incadreaza in bugetul competitiei
3	PN-II-RU-TE-2011-3-0085	Fizica	Bilc	Daniel Ioan	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU TEHNOLOGII IZOTOPICE SI MOLECULARE CLUJ-NAPOCA	First-Principles Modeling of SrTiO3 based Oxides for Thermoelectric Applications	93	919,100	se incadreaza in bugetul competitiei
4	PN-II-RU-TE-2011-3-0211	Fizica	Stoleriu	Laurentiu	Alexandru Ioan Cuza University	High performance computing of advanced magnetic structures designed for tomorrow's memories and sensors (HiPerMag)	92.33	750,000	se incadreaza in bugetul competitiei
5	PN-II-RU-TE-2011-3-0048	Fizica	Takacs	Albert	Babes Bolyai University	Magnetic multilayers and exchange spring magnetic thin films: recording media and MEMS	92	750,000	se incadreaza in bugetul competitiei
6	PN-II-RU-TE-2011-3-0163	Fizica	Nedelcu	Dan Alin	Institutul Astronomic al Academiei Romane / Astronomical Institute of the Romanian Academy	Physical studies of Solar System bodies	81.67	740,000	se incadreaza in bugetul competitiei
7	PN-II-RU-TE-2011-3-0279	Fizica	ZGURA	Ion-Sorin	Institute for Space Science	Study of the Anisotropic Flow in Relativistics Heavy Ion Physics using Graphics Processing Unit	81.67	750,000	se incadreaza in bugetul competitiei
8	PN-II-RU-TE-2011-3-0114	Fizica	Libal	Jozsef Andras	Babes-Bolyai University Cluj-Napoca	Study of colloidal artificial spin ice systems	80.5	750,000	se incadreaza in bugetul competitiei
9	PN-II-RU-TE-2011-3-0074	Fizica	Tolea	Mugurel	National Institute of Material Physics	Theoretical studies on the open questions in the mesoscopic phase measurement problem	80.33	750,000	se incadreaza in bugetul competitiei
10	PN-II-RU-TE-2011-3-0184	Fizica	Micu	Octavian	INSTITUTUL NATIONAL PENTRU FIZICA LASERILOR, PLASMEI SI RADIATIEI INSTITUTUL DE STIINTE SPATIALE	Probing physics beyond the Standard Model with micro black holes and neutrinos	80.33	919,955	se incadreaza in bugetul competitiei
11	PN-II-RU-TE-2011-3-0292	Fizica	Laurentiu Ioan	Caramete	Institute for Space Sciences	Astrophysical Sources of Ultra High Energy Cosmic Rays	77	750,000	se incadreaza in bugetul competitiei
12	PN-II-RU-TE-2011-3-0051	Fizica	Borcea	Ruxandra	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU FIZICA SI INGINERIE NUCLEARA HORIA HULUBEI IFIN HH DIN BUCURESTI	Probing the nuclear structure at the limits of stability	76.33	920,000	Lista de rezerva
13	PN-II-RU-TE-2011-3-0225	Fizica	Dumitru	Ioan	UNIVERSITATEA ALEXANDRU IOAN CUZA IASI	Theoretic and experimental researches on microwave behaviour of nonsaturated magnetic nanowire systems	73.75	750,000	Nefinantabil

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14	PN-II-RU-TE-2011-3-0064	Fizica	COSTIN	Claudiu	UNIVERSITATEA ALEXANDRU IOAN CUZA din IASI	Extensive description of HPPMS process by coupled plasma diagnostics and numerical simulations	73.75	750,000	Nefinantabil
15	PN-II-RU-TE-2011-3-0156	Fizica	Ghita	Dan Gabriel	Institutul National de Cercetare Dezvoltare pentru Fizica si Inginerie Nucleara - Horia Hulubei	Development of a couple of MCP based detectors for particle beam ToF measurements and BPM diagnosys	71.67	750,000	Nefinantabil
16	PN-II-RU-TE-2011-3-0270	Fizica	Ivan	Liliana-Mihaela	Alexandru Ioan Cuza University of Iasi	Experimental and theoretical investigations of the double layers dynamics in plasma. Applications	71.25	750,000	Nefinantabil
17	PN-II-RU-TE-2011-3-0050	Fizica	Borbély	Sándor	Universitatea Babes Bolyai	The interaction of He with antimatter particles	71	747,120	Nefinantabil
18	PN-II-RU-TE-2011-3-0241	Fizica	GUGIU	Marin Marius	Horia Hulubei National Institute of Physics and Nuclear Engineering	Production of slow multi-charged ion micro-beams using tapered glass capillaries for ion-insulator surface collision studies	70.5	750,000	Nefinantabil
19	PN-II-RU-TE-2011-3-0023	Fizica	Cioroianu	Eugen-Mihaita	University of Craiova	In searching for new SUGRA-type theories: Consistent interactions between photons, various types of gravitons and several kinds of gravitini in D=4.	70.33	712,080	Nefinantabil
20	PN-II-RU-TE-2011-3-0030	Fizica	Simon	Alpar	Universitatea Babes-Bolyai	Comparative study of electrode geometry effect on surface modifications of biomaterials treated in atmospheric pressure dielectric barrier discharges	69	670,200	Nefinantabil
21	PN-II-RU-TE-2011-3-0110	Fizica	Filipescu	Dan Mihai	National Institute of Physics and Nuclear Engineering - Horia Hulubei	Absolute differential cross-section measurements for direct nuclear reactions	68.33	750,000	Nefinantabil
22	PN-II-RU-TE-2011-3-0150	Fizica	Mitrica	Bogdan	Horia Hulubei National Institute of Physics and Nuclear Engineering	Experimental and theoretical studies of the atmospheric muons, at surface and in underground	67	750,000	Nefinantabil
23	PN-II-RU-TE-2011-3-0185	Fizica	Crucean	Cosmin	West University of Timisoara	The study of the creation of particle-antiparticle pairs in de Sitter expanding universe. Perturbative approach to the problem	64.67	401,500	Nefinantabil
24	PN-II-RU-TE-2011-3-0055	Fizica	Boer	Attila	Transilvania University of Brasov	Modeling and simulation of spin systems in the framework of Tsallis statistics	64.5	750,000	Nefinantabil
25	PN-II-RU-TE-2011-3-0028	Fizica	Tesileanu	Ovidiu	UNIVERSITATEA DIN BUCURESTI	Stellar and Extragalactic Jets, from Numerical Simulations to Observations	64	750,000	Nefinantabil
26	PN-II-RU-TE-2011-3-0177	Fizica	Calborean	Adrian	National Institute for Research and Development of Isotopic and Molecular Technologies Cluj-Napoca	HYBRID SILICON/MOLECULAR ELECTRONICS FOR MEMORY APPLICATIONS	61	920,000	Nefinantabil

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27	PN-II-RU-TE-2011-3-0265	Fizica	Popa	Florian Catalin	Institute for Space Sciences	Hidden Symmetries in Gravitation	56	750,000	Nefinantabil