

Program Resurse **Umane\_Proiecte de cercetare postdoctorala\_Competitia 2011**

**Rezultate preliminare**

Nr. Crt.	Cod Proiect	Domeniu	Nume	Prenume	Institutie	titlul	Punctaj final	Buget total solicitat (lei)	STARE
1	PN-II-RU-PD-2011-3-0236	Fizica	Kovacs	Katalin	Institutul National de Cercetare Dezvoltare pentru Tehnologii Izotopice si Moleculare Cluj-Napoca - INCDTIM	Obtaining single attosecond pulses through high-order harmonic generation by terahertz assisted infrared pulses	<b>91</b>	300,000	Se incadreaza in bugetul competitiei
2	PN-II-RU-PD-2011-3-0216	Fizica	Octavian	Ligor	National Institute for Research and Development in Microtechnologies (IMT-Bucharest)	Fabrication and characterization of micro and nano metallic structures with Dip-Pen Nanolithography	<b>82.67</b>	300,000	Se incadreaza in bugetul competitiei
3	PN-II-RU-PD-2011-3-0145	Fizica	Toma	Gabriel	'Horia Hulubei' National Institute for Physics and Nuclear Engineering	Investigation of EAS Characteristics for Very High Energy Cosmic Rays Observed in the Pierre Auger Observatory and the KASCADE-Grande Experiments	<b>81.33</b>	300,000	Se incadreaza in bugetul competitiei
4	PN-II-RU-PD-2011-3-0062	Fizica	Paula Gina	Isar	Institute for Space Sciences	Advanced studies of radio signals from ultra high energy cosmic ray induced air showers in the Earth's atmosphere	<b>79.67</b>	300,000	Se incadreaza in bugetul competitiei
5	PN-II-RU-PD-2011-3-0144	Fizica	Gurau	Daniela	Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering	Developing of a calculation technique for assessment limits of variation of detector response matrix through Monte Carlo simulation	<b>79.25</b>	300,000	Se incadreaza in bugetul competitiei
6	PN-II-RU-PD-2011-3-0033	Fizica	Condeescu	Cezar Eugen	Institutul National de Cercetare-Dezvoltare pentru Fizica si Inginerie Nucleara "Horia Hulubei"	Phenomenological and Cosmological Applications of String Theory	<b>77.5</b>	300,000	Se incadreaza in bugetul competitiei
7	PN-II-RU-PD-2011-3-0044	Fizica	NEMNES	GEORGE ALEXANDRU	UNIVERSITY OF BUCHAREST	Advanced many-body spin transport and spin relaxation phenomena in nanowire systems	<b>77</b>	300,000	Se incadreaza in bugetul competitiei
8	PN-II-RU-PD-2011-3-0069	Fizica	Niculescu	Oana	Gheorghe Asachi Technical University of Iasi	Experimental and Theoretical Investigations of Complex Plasma Structures Dynamics	<b>76.33</b>	300,000	Se incadreaza in bugetul competitiei
9	PN-II-RU-PD-2011-3-0264	Fizica	Mandes	Aurelia	Ovidius University Constanta	Thermionic Vacuum Arc technology used for deposition of advanced materials: tantalum pentoxide (Ta2O5) and carbon (C). Synthesis and Characterization	<b>73.75</b>	299,280	Nefinantabil
10	PN-II-RU-PD-2011-3-0143	Fizica	Zgura	Irina Ionela	National Institute of Materials Physics	Drop Shape Analysis as a method to test the materials hydrophilicity. Applications to nanostructured materials.	<b>73.25</b>	288,509	Nefinantabil
11	PN-II-RU-PD-2011-3-0213	Fizica	Gheboianu	Anca Irina	VALAHIA UNIVERSITY OF TARGOVISTE	METHODS OF SPECTROMETRY WITH HIGH SENSIBILITY AND PRECISION APPLIED IN STUDIES OF HEAVY METALS ENVIRONMENTAL POLLUTION	<b>70.33</b>	223,000	Nefinantabil
12	PN-II-RU-PD-2011-3-0192	Fizica	Garoi	Florin	National Institute for Lasers, Plasma and Radiation Physics	Lateral shear interferometry for phase shape characterization of continuous or short pulse lasers	<b>70.33</b>	300,000	Nefinantabil
13	PN-II-RU-PD-2011-3-0078	Fizica	Rotaru	Marina	Horia Hulubei National Institute of Physics and Nuclear Engineering	A Study of Exclusive Final States in pp Collisions at LHC using Variables Sensitive to New Physics	<b>67.75</b>	299,913	Nefinantabil
14	PN-II-RU-PD-2011-3-0178	Fizica	Iordache	Mariana Iuliana	National Institute for Lasers, Plasma and Radiation Physics	Roughness at nanoscale	<b>67.33</b>	300,000	Nefinantabil
15	PN-II-RU-PD-2011-3-0272	Fizica	Contulov	Mirela	Ovidius University Constanta	Magnetically Gaseous Thermionic Vacuum Arc (MG-TVA)technology – a new concept for growth of the a-C:H thin films	<b>67</b>	299,280	Nefinantabil

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16	PN-II-RU-PD-2011-3-0261	Fizica	Dinca	Virginia	Ovidius University of Constanta	Study of the nanostructured Ti/Ni carbides thin films properties deposited by Thermionic Vacuum Arc technology for tribological applications	<b>67</b>	299,280	Nefinantabil
17	PN-II-RU-PD-2011-3-0123	Fizica	Ionescu	Cristian Dumitru	Institutul National de Fizica Laserilor, Plasmei si Radiatiei - Institutul de Stiinte Spatiale	Constraints on cosmological parameters from X-ray clusters and Sunyaev-Zel'dovich effects	<b>64.33</b>	300,000	Nefinantabil