

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-2011-3-0141	Stiinte ingineresti	Viespe	Cristian	National Institute of Laser, Plasma and Radiation Physics	Surface acoustic wave hydrogen sensor based on nanoporous films imprinted with waveguide channels	<b>90</b>	300,000	Se incadreaza in bugetul competitiei
2	PN-II-RU-PD-2011-3-0153	Stiinte ingineresti	Dragomirescu	Florica Ioana	University "Politehnica" of Timisoara	Analytical and numerical methods for linear and nonlinear stability analysis of swirling flows	<b>79.33</b>	250,000	Se incadreaza in bugetul competitiei
3	PN-II-RU-PD-2011-3-0246	Stiinte ingineresti	Gheorghe	Alexandru Gabriel	Technical University "Gheorghe Asachi" of Iasi, Faculty of Electronics, Telecommunications and Information Technology	OPTIMAL DESIGN OF ELECTRICAL CIRCUITS USING SYMBOLIC EXPRESSIONS OF POLES AND ZEROS	<b>79</b>	296,560	Se incadreaza in bugetul competitiei
4	PN-II-RU-PD-2011-3-0165	Stiinte ingineresti	Bosioc	Alin Ilie	Romanian Academy, Timisoara Branch	Magneto-rheological device for decelerated swirling flow control	<b>78.5</b>	293,150	Se incadreaza in bugetul competitiei
5	PN-II-RU-PD-2011-3-0099	Stiinte ingineresti	Bode	Florin Ioan	UNIVERSITATEA TEHNICA DE CONSTRUCTII BUCURESTI	Fluid dynamics analysis for innovative personalized ventilation diffusers for automotive and building applications	<b>77</b>	300,000	Se incadreaza in bugetul competitiei
6	PN-II-RU-PD-2011-3-0066	Stiinte ingineresti	NEDELCU	MIHAI	UNIVERSITATEA "POLITEHNICA" DIN TIMISOARA	Buckling design of thin-walled structures in the framework of the Generalized Beam Theory	<b>73.67</b>	299,982	Nefinantabil
7	PN-II-RU-PD-2011-3-0289	Stiinte ingineresti	Albu	Horatiu-Calin	Politehnica University of Bucharest	Power Quality in Smart Grids. Application to Office Buildings.	<b>73</b>	300,000	Nefinantabil
8	PN-II-RU-PD-2011-3-0211	Stiinte ingineresti	Oprina	Gabriela	National Institute for R&D in Electrical Engineering ICPE-CA	Mass and momentum transfer in swarm of bubbles operating in free surface liquids	<b>72.5</b>	266,460	Nefinantabil
9	PN-II-RU-PD-2011-3-0054	Stiinte ingineresti	CRISTINA-DELIA	NECHIFOR	The Technical University "Gheorghe Asachi" Iasi	Matrix Assisted Pulsed-Laser Evaporation (MAPLE) Method to Obtain Molecularly Imprinted Polymers (MIPs) for Drug Delivery Systems	<b>72.33</b>	299,989	Nefinantabil
10	PN-II-RU-PD-2011-3-0262	Stiinte ingineresti	Lungu	Ion	Universitatea Valahia din Târgoviște	Multirobot platform for MOEMS microassembling and packaging	<b>69.75</b>	300,000	Nefinantabil
11	PN-II-RU-PD-2011-3-0167	Stiinte ingineresti	Croitoru	Cristiana Verona	UNIVERSITATEA POLITEHNICA BUCURESTI	Advanced modeling of the interactions between the human body and its thermal environment with applications for buildings and vehicles	<b>69</b>	300,000	Nefinantabil
12	PN-II-RU-PD-2011-3-0227	Stiinte ingineresti	DUNCA	GEORGIANA	Politehnica University of Timisoara	New method to improve storage pump design with complex geometry used in hydro-power sector	<b>67</b>	258,980	Nefinantabil
13	PN-II-RU-PD-2011-3-0258	Stiinte ingineresti	Bunea	Florentina	National R&D Institute for Electrical Engineering ICPE-CA Bucharest	Model of the dissolved oxygen transfer for rotation, turbulent and adverse pressure flow	<b>66.75</b>	300,000	Nefinantabil

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

<b>Nr. Crt.</b>	<b>Cod Proiect</b>	<b>Domeniu</b>	<b>Nume</b>	<b>Prenume</b>	<b>Institutie</b>	<b>titlul</b>	<b>Punctaj final</b>	<b>Buget total solicitat (lei)</b>	<b>STARE</b>
14	PN-II-RU-PD-2011-3-0219	Stiinte ingineresti	Dragomir	Otilia Elena	Universitatea Valahia din Targoviste	FORECASTING MODELS FOR MACRO AND MICRO ENERGY HARVESTING WHICH INTEGRATES ARTIFICIAL INTELLIGENCE ELEMENTS- HENFOR	<b>56.75</b>	296,148	Nefinantabil
15	PN-II-RU-PD-2011-3-0152	Stiinte ingineresti	Stanciu	Mihai Ionut	ACADEMIA TEHNICA MILITARA	On the development of methods and algorithms for signal processing in UWB systems with applications in intelligent ad-hoc underlay radio networks	<b>43</b>	225,000	Nefinantabil