

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-2011-3-0641	Stiinte ingineresti	Voda	Alina	University "Dunarea de Jos" of Galati	ADVANCED CONTROL OF REVERSIBLE MANUFACTURING SYSTEMS OF ASSEMBLING AND DISASSEMBLING USING WHEELED MOBILE ROBOTS EQUIPPED WITH ROBOTIC MANIPULATORS	1,700,000.0	96.33
2	PN-II-ID-PCE-2011-3-0089	Stiinte ingineresti	Badescu	Viorel	Universitatea Politehnica din Bucuresti	Nowcasting and forecasting of PV power plant operation	1,456,812.8	95.67
3	PN-II-ID-PCE-2011-3-0538	Stiinte ingineresti	VAN STADEN	JACOBUS	National Institute of Research and Development for Electrochemistry and Condensed Matter (INCDEMC), Timisoara	Hightech-based Micro/Nanostructured Sensors Devices and Micro/Reactors in Real-time for Automated Process Analytical Multianalyte Platform Systems	1,500,000.0	93.00
4	PN-II-ID-PCE-2011-3-0028	Stiinte ingineresti	Cormos	Calin-Cristian	Universitatea Babes-Bolyai	Innovative methods for chemical looping carbon dioxide capture applied to energy conversion processes for decarbonised energy vectors poly-generation	1,000,000.0	92.00
5	PN-II-ID-PCE-2011-3-0088	Stiinte ingineresti	CASCAVAL	DAN	Gheorghe Asachi Technical University of Iasi	Advanced separation of biosynthetic compounds by facilitated and synergetic pertraction	1,419,100.0	92.00
6	PN-II-ID-PCE-2011-3-0400	Stiinte ingineresti	Dumitrescu	Bogdan	Politehnica University of Bucharest	Sparse representations in signal processing	667,500.0	89.67
7	PN-II-ID-PCE-2011-3-0570	Stiinte ingineresti	van Staden	Raluca-Ioana	National Institute of Research for Electrochemistry and Condensed Matter	Stochastic microsensors as new tools for fast assay of substances of biological importance	1,500,000.0	89.33
8	PN-II-ID-PCE-2011-3-1017	Stiinte ingineresti	Morjan	Ion	National Institute for Laser, Plasma and Radiation Physics	NOVEL LASER ABLATION-ASSISTED TECHNIQUE FOR PURE SINGLE-WALLED CARBON NANOTUBE SYNTHESIS	1,500,000.0	89.00
9	PN-II-ID-PCE-2011-3-0079	Stiinte ingineresti	Brujan	Emil-Alexandru	University Politehnica Bucharest	Dynamics of cavitation bubbles generated by microsecond pulses of high-intensity focused ultrasound	1,075,725.0	88.33
10	PN-II-ID-PCE-2011-3-0235	Stiinte ingineresti	Oara	Cristian	Universitatea Politehnica din Bucuresti	Robust control in nonstandard cases	1,440,000.0	88.33
11	PN-II-ID-PCE-2011-3-1027	Stiinte ingineresti	Datcu	Mihai	University Politehnica Bucharest	Enhancing four dimensional Synthetic Aperture Radar measurements	1,500,000.0	87.67
12	PN-II-ID-PCE-2011-3-0071	Stiinte ingineresti	Mircea	Dragoman	NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT IN MICROTكنولوجIES IMT-Bucharest	Graphene nanoelectronic devices for high frequency applications	1,500,000.0	87.33
13	PN-II-ID-PCE-2011-3-0693	Stiinte ingineresti	Albu	Mihaela	Universitatea Politehnica Bucuresti	Active Distribution Grids. Model Identification and Analysis Using Synchronised Measurements - ActiveDGModel	1,450,000.0	87.00
14	PN-II-ID-PCE-2011-3-0513	Stiinte ingineresti	Muller	Alexandru	National Research and Development Institute for Microtechnologies IMT-Bucharest	Novel technologies based on micromachining and nano-processing of GaN/Si, for advanced microwave and photonic devices	1,494,000.0	86.75

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15	PN-II-ID-PCE-2011-3-0456	Stiinte ingineresti	Marsavina	Liviu	UNIVERSITATEA POLITEHNICA din TIMISOARA	Micro-mechanical modelling of cellular materials with refinements on fracture and damage	1,360,000.0	86.67
16	PN-II-ID-PCE-2011-3-0520	Stiinte ingineresti	Dimitrie	Alexa	SC COMFRAC R&D PROJECT EXPERT SRL	ELECTRIC POWER QUALITY AND ENERGY SAVING USING PERFORMANT POWER CONVERTERS FOR THE KNOWLEDGE BASED ECONOMY	490,000.0	86.00
17	PN-II-ID-PCE-2011-3-0830	Stiinte ingineresti	Neculoiu	Dan	Institutul National de Cercetare-Dezvoltare pentru Microtehnologie - IMT Bucuresti	Millimeter-wave Front-End for Imaging in Security and Medical Applications	1,425,000.0	86.00
18	PN-II-ID-PCE-2011-3-0837	Stiinte ingineresti	Craciunescu	Corneliu Marius	"Politehnica" University of Timisoara	Exploration System for Optimization of Shape Memory Actuation in Compositional Spreads	1,699,575.0	85.75
19	PN-II-ID-PCE-2011-3-0178	Stiinte ingineresti	Gheorghe	BRABIE	University Vasile Alecsandri of Bacau	INFLUENCE FACTORS, MODELLING OF SPECIFIC PHENOMENA AND OPTIMIZATION OF MICRO/MILLI DEEP DRAWING PROCESS OF METAL SHEETS WITH A THICKNESS UNDER 0.2mm	1,380,000.0	85.67
20	PN-II-ID-PCE-2011-3-0815	Stiinte ingineresti	Stamatin	ioan	University of Bucharest	Design of new advanced materials for Ionic Electrolyte Membrane Fuel Cells based on graphenes and superionic conductors	1,500,000.0	85.67
21	PN-II-ID-PCE-2011-3-0109	Stiinte ingineresti	Precup	Radu-Emil	Universitatea Politehnica din Timisoara	New performance improvement techniques of control systems using experiment-based tuning	1,461,600.0	84.67
22	PN-II-ID-PCE-2011-3-0275	Stiinte ingineresti	Huminic	Gabriela	Transilvania University of Brasov	Application of nanofluids to heat pipes for high performances in cooling systems	1,430,000.0	84.33
23	PN-II-ID-PCE-2011-3-0097	Stiinte ingineresti	Albu	Felix	UNIVERSITATEA VALAHIA TARGOVISTE	Advanced Adaptive Algorithms for Digital Hearing Aids	1,209,000.0	84.00
24	PN-II-ID-PCE-2011-3-1038	Stiinte ingineresti	Pastravanu	Octavian-Cezar	The "Gheorghe Asachi" Technical University of Iasi	Diagonal stability and flow invariance in control engineering. Techniques specialized for classes of dynamics, encompassed by a unified framework	931,500.0	83.67
25	PN-II-ID-PCE-2011-3-0795	Stiinte ingineresti	COZAR	ONUC	INSTITUTUL NAȚIONAL DE CERCETARE - DEZVOLTARE PENTRU MAȘINI ȘI INSTALAȚII DESTINATE AGRICULTURII ȘI INDUSTRIEI ALIMENTARE	RESEARCHES TO IMPROVE THE PHYSICAL - MECHANICAL PROPERTIES AND STRUCTURE OF THE BIODEGRADABLE PACKAGING MATERIALS FROM INDIGENOUS RAW MATERIALS	1,370,000.0	83.67
26	PN-II-ID-PCE-2011-3-0835	Stiinte ingineresti	Nastase	Ilinca	Universitatea Tehnica de Constructii Bucuresti	INtelligent Air Diffusion for healthy environments: advanced strategies and EVALuation methods - INADEVA	1,500,000.0	83.50
27	PN-II-ID-PCE-2011-3-0775	Stiinte ingineresti	IRIMIE	Florin Dan	"Babes-Bolyai" University of Cluj Napoca	Continous flow enzymatic dynamic kinetic resolutions for stereoselective bioorganic processes.	1,500,000.0	83.33
28	PN-II-ID-PCE-2011-3-0698	Stiinte ingineresti	LAZAROIU	Gheorghe	University POLITEHNICA of Bucharest	Innovative energy vector hydrogen-solid biomass	1,386,250.0	82.67

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29	PN-II-ID-PCE-2011-3-0352	Stiinte ingineresti	Moagar-Poladian	Gabriel	National Institute for Research and Development in Microtechnology	Prospective research regarding rapid prototyping processes for applications in the field of micro- and nanosystems realization	1,500,000.0	82.33
30	PN-II-ID-PCE-2011-3-0512	Stiinte ingineresti	Mihai Valentin	Predoi	UNIVERSITATEA POLITEHNICA BUCURESTI	Advanced ultrasonic monitoring system for the structural integrity of pipes	1,289,125	82.33