

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-2011-3-0120	Stiinta materialelor	Picu	R. Catalin	University POLITEHNICA of Bucharest	Next generation of epoxies for structural applications: nanocomposites with enhanced strength and toughness	1,446,000.0	93.00
2	PN-II-ID-PCE-2011-3-0442	Stiinta materialelor	Baia	Lucian	Babes-Bolyai University	Designing composite nanoarchitectures for H2 production and environmental depollution	1,500,000.0	93.00
3	PN-II-ID-PCE-2011-3-0505	Stiinta materialelor	Rau	Ileana	University POLITEHNICA of Bucharest	Elaboration et caracterisation of functional biopolymers for photonic and electronic applications	1,500,000.0	92.00
4	PN-II-ID-PCE-2011-3-0060	Stiinta materialelor	Parvulescu	Vasile	University of Bucharest	Heterogeneous Catalytic Synthesis of Amine derivatives via Hydroamination and N-C coupling reactions	1,500,000.0	91.00
5	PN-II-ID-PCE-2011-3-0036	Stiinta materialelor	DADARLAT	DORIN NICOLAE	National Institute for Research and Development of Isotopic and Molecular Technology	High Accuracy Photopyroelectric Calorimetry for Magnetic Nanofluids	1,500,000.0	90.67
6	PN-II-ID-PCE-2011-3-0274	Stiinta materialelor	GRIGORAS	MIRCEA	P. Poni Institute of Macromolecular Chemistry	NOVEL CONJUGATED POLYMER STRUCTURES FOR HIGH EFFICIENCY ALL-ORGANIC SOLAR CELLS	1,500,000.0	90.67
7	PN-II-ID-PCE-2011-3-0477	Stiinta materialelor	Andruh	Marius	University of Bucharest	Coordination polymers and molecular nano-objects as multifunctional materials	1,500,000.0	90.33
8	PN-II-ID-PCE-2011-3-0479	Stiinta materialelor	Alexandrescu	Rodica	National Institute for Lasers, Plasma and Radiation Physics	Novel approach to nanoscale, multi-functional materials, to reduce toxics and bacteria and to manage resources more efficiently. Acronym: MULTINANEF	1,500,000.0	90.33
9	PN-II-ID-PCE-2011-3-0937	Stiinta materialelor	Silvia	Ioan	"Petru Poni" Institute of Macromolecular Chemistry	Complex systems based on polymers containing alicyclic structures for high performance materials	1,000,000.0	90.00
10	PN-II-ID-PCE-2011-3-0268	Stiinta materialelor	Teodorescu	Valentin Serban	National Institute of Materials Physics	Microstructural transformations of thin films by pulsed laser irradiation at fluences lower than the ablation threshold	1,400,000.0	90.00
11	PN-II-ID-PCE-2011-3-0659	Stiinta materialelor	Silvestru	Anca	Babes-Bolyai University Cluj-Napoca	New complexes with metal-chalcogen bonds as potential precursors for electronic materials	1,500,000.0	90.00
12	PN-II-ID-PCE-2011-3-0346	Stiinta materialelor	Diudea	Mircea Vasile	Babes-Bolyai University	Dendrimer-carbon nanostructure conjugates as drug delivery support	1,359,718.0	89.67
13	PN-II-ID-PCE-2011-3-0650	Stiinta materialelor	Gurlui	Silviu	Alexandru Ioan Cuza University of Iasi	The study of polymer-laser radiation interactions in controlled atmosphere. Laser ablation nanostructured thin films layers. Applications.	1,500,000.0	89.00
14	PN-II-ID-PCE-2011-3-0773	Stiinta materialelor	Frunza	Ligia	National Institute of Materials Physics	Complex characterization of coated/functionalized textiles: wettability, direct analysis, spectroscopic and structural properties in correlation	1,500,000.0	88.33
15	PN-II-ID-PCE-2011-3-0453	Stiinta materialelor	Rezlescu	Nicolae	National Institute of Research and Development for Technical Physics - IFT Iasi	NEW NANOSTRUCTURED OXIDES MATERIALS, FERRITES AND PEROVSKITES, FOR THE CATALITIC COMBUSTION OF SOME GASES IN LOW CONCENTRATIONS	1,291,156.0	88.00
16	PN-II-ID-PCE-2011-3-0535	Stiinta materialelor	Ionescu	Anca-Luiza	University Politehnica of Bucharest	Ordered Soft Materials to Improve Dye-sensitized Solar Cells' Efficiency	1,500,000.0	87.67
17	PN-II-ID-PCE-2011-3-0238	Stiinta materialelor	Ardelean	Ioan	Universitatea Tehnica din Cluj-Napoca	Nuclear magnetic resonance studies of surface effects on dynamics of molecules confined inside porous media with magnetic impurities	1,500,000.0	87.33

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
18	PN-II-ID-PCE-2011-3-0125	Stiinta materialelor	Pruneanu	Stela Maria	National Institute for Research and Development of Isotopic and Molecular Technologies	Graphene-metal nanoparticles based electrodes for detection of pharmaceutical pollutants	1,500,000.0	87.33
19	PN-II-ID-PCE-2011-3-0041	Stiinta materialelor	Coman	Simona	University of Bucharest	Heterogeneous organocatalysts for the green synthesis of chiral glycinate intermediates	1,350,000.0	86.50
20	PN-II-ID-PCE-2011-3-0129	Stiinta materialelor	Biris	Alexandru Radu	National Institute for Research and Development of Isotopic and Molecular Technologies	Synthesis of high purity graphene by CCVD-IH method on noble-metal catalyst for studying DNA oxidation	1,500,000.0	86.50
21	PN-II-ID-PCE-2011-3-0384	Stiinta materialelor	Circu	Viorel	Universitatea din Bucuresti	Luminescent ionic liquid crystals	1,425,000.0	86.33
22	PN-II-ID-PCE-2011-3-0534	Stiinta materialelor	Tiseanu	Carmen	National Institute for Laser, Plasma & Radiation Physics	Temporally and spectrally resolved luminescence of lanthanide's doped tetravalent nano-oxides: A unitary approach	1,499,995.0	86.33
23	PN-II-ID-PCE-2011-3-0038	Stiinta materialelor	Mangalagiu	Ionel	Alexandru Ioan Cuza University of Iasi	New polifunctional nitrogen derivatives (heterocycles, podants and macrocycles) as smart versatile building blocks for multiple tasks	1,500,000.0	86.00
24	PN-II-ID-PCE-2011-3-0128	Stiinta materialelor	Darabantu	Mircea	University BABES-BOLYAI	ITERATIVE SYNTHESIS. NOVEL DENDRITIC MELAMINES INCORPORATING SERINOLIC UNITS. DESIGN, PREPARATION, STRUCTURAL ANALYSIS AND POTENTIAL APPLICATIONS.	1,500,000.0	86.00
25	PN-II-ID-PCE-2011-3-0622	Stiinta materialelor	Nichifor	Marieta	Petru Poni Institute of Macromolecular Chemistry	Nanosized micelles and vesicles from amphiphilic block copolymers with polysaccharides as hydrophilic blocks. A versatile route to new biomaterials	1,500,000.0	86.00
26	PN-II-ID-PCE-2011-3-0232	Stiinta materialelor	Ovidiu	Crisan	National Institute for Materials Physics	Advanced architected self-assembled core-shell nanoparticles as 2D arrays of magnetic nanosensors	1,700,000.0	86.00
27	PN-II-ID-PCE-2011-3-0888	Stiinta materialelor	Cristescu	Rodica	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU FIZICA LASERILOR PLASMEI SI RADIATIEI	FUNCTIONALIZED FLAVONOID-BIOPOLYMER NANOSTRUCTURED COMPOSITES PROCESSED FOR ANTIBACTERIAL ACTIVITY	1,500,000.0	85.75
28	PN-II-ID-PCE-2011-3-0623	Stiinta materialelor	Baibarac	Mihaela	National Institute of Materials Physics	One-dimensional composites based on carbon nanotubes and conjugated polymers for applications in energy storage and optoelectronic devices field	1,500,000.0	85.67
29	PN-II-ID-PCE-2011-3-0350	Stiinta materialelor	Lupu	Dan Miron	Institutul Național de Cercetare Dezvoltare pentru Tehnologii Izotopice și Moleculare	Issues and challenges for hydrogen storage in composites with metal-organic frameworks	1,500,000.0	84.75
30	PN-II-ID-PCE-2011-3-0933	Stiinta materialelor	Silvestru	Cristian	Babes-Bolyai University	NEW ORGANOMETALLIC COMPOUNDS OF HEAVY GROUP 15 METALS (ANTIMONY, BISMUTH) – POTENTIAL USE IN CATALYSIS	1,500,000.0	84.67
31	PN-II-ID-PCE-2011-3-0223	Stiinta materialelor	Garea	Sorina Alexandra	University POLITEHNICA of Bucharest	New polybenzoxazine-based nanohybrids	1,500,000.0	84.67
32	PN-II-ID-PCE-2011-3-0735	Stiinta materialelor	MIHAILESCU	Ion N.	National Institute for Lasers, Plasma and Radiation Physics	Multi-parameter nanosensors synthesized by advanced metal oxide technologies	1,500,000.0	84.67
33	PN-II-ID-PCE-2011-3-0403	Stiinta materialelor	Secu	Mihail	National Institute of Materials Physics	INFRARED-PUMPED UPCONVERSION GLASS-CERAMIC NANORODS FOR PHOTONICS APPLICATIONS	1,500,000.0	84.33
34	PN-II-ID-PCE-2011-3-0407	Stiinta materialelor	Craciun	Doina	National Institute for Lasers, Plasma and Radiation Physics	Investigations of ZrC thin films properties for TRISO nuclear fuel applications	1,500,000.0	83.50

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
35	PN-II-ID-PCE-2011-3-0164	Stiinta materialelor	Buruiana	Emil Constantin	Petru Poni Institute of Macromolecular Chemistry	Conception and achievement of hybrid nanocomposites based on novel polymer structures for biomedical and optical applications in nanotechnology	1,500,000.0	83.33
36	PN-II-ID-PCE-2011-3-0408	Stiinta materialelor	Ionita	Petre	Universitatea din Bucuresti, Facultatea de Chimie	Multifunctional organic stable radicals in supramolecular high-spin architectures and materials	1,500,000.0	83.33
37	PN-II-ID-PCE-2011-3-0270	Stiinta materialelor	SIRGHI	LUCEL	Universitatea Alexandru Ioan Cuza	PLASMA FUNCTIONALIZATION OF NANOSCOPIC PROBES	1,499,187.5	83.25
38	PN-II-ID-PCE-2011-3-1016	Stiinta materialelor	Braic	Mariana	National Institute for Optoelectronics	High entropy alloy carbides as Next Generation Coatings - HOPING	1,500,000.0	83.00
39	PN-II-ID-PCE-2011-3-0745	Stiinta materialelor	Mitoseriu	Liliana	Alexandru Ioan Cuza University	Material design, preparation, properties and modeling of multifunctional oxides structures for microelectronics and new energy storage applications	1,500,000.0	82.67
40	PN-II-ID-PCE-2011-3-0199	Stiinta materialelor	BERCEA	Maria	Petru Poni Institute of Macromolecular Chemistry	POLYMER MATERIALS WITH SMART PROPERTIES	1,500,000.0	82.33
41	PN-II-ID-PCE-2011-3-0916	Stiinta materialelor	Anghel	Dan-Florin	Institutul de Chimie Fizica "Ilie Murgulescu" al Academiei Romane	Investigating micro- and nanostructured colloidal systems by fluorescently labeled polymers and probes	1,500,000.0	82.33
42	PN-II-ID-PCE-2011-3-0446	Stiinta materialelor	Gartner	Mariuca	Institute of Physical Chemistry "Ilie Murgulescu" of the Romanian Academy	Improved TCO materials for the next generation transparent electronics and their complex investigation by wide range ellipsometry from UV to Mid IR	1,500,000.0	82.25
43	PN-II-ID-PCE-2011-3-0868	Stiinta materialelor	Dumitriu	Emil	Gheorghe Asachi Technical University of Iasi	New Approach to Prepare Highly Dispersed non-Noble (Bi)metallic Nanoparticles Supported on Ordered Mesoporous Silicas for Catalytic Applications.	1,400,000.0	82.00
44	PN-II-ID-PCE-2011-3-0708	Stiinta materialelor	Popa	Marcel	Gheorghe Asachi Technical University of Iasi	Innovative electroluminescent nanocomposites for a new approach in polymer based light emitting devices	1,481,800.0	81.67
45	PN-II-ID-PCE-2011-3-0668	Stiinta materialelor	Ianculescu	Adelina - Carmen	"Politehnica" University Bucharest	Size effects, formation mechanisms, and properties in micro- and nanostructured perovskite ferroic systems prepared by alternative methods	1,500,000.0	81.67
46	PN-II-ID-PCE-2011-3-0035	Stiinta materialelor	Farcas	Aurica	PETRU PONII INSTITUTE OF MACROMOLECULAR CHEMISTRY	Polyrotaxanes based on pi-Conjugated backbone for Micro/Optoelectronic Applications	1,500,000.0	81.33
47	PN-II-ID-PCE-2011-3-0876	Stiinta materialelor	Pana	Ioan - Ovidiu	National Institute of Research and Development for Isotopic and Molecular Technologies, Cluj-Napoca	Core-shell composite nanoparticles based on Fe and Pt having adjustable magnetic, dispersive and functional properties	1,500,000.0	81.33
48	PN-II-ID-PCE-2011-3-0218	Stiinta materialelor	Mareci	Daniel	Technical University "Gheorghe Asachi" Iasi	Corrosion predictions of titanium-based biomaterials with non-homogenous micro and nanostructured surfaces using neural networks	1,500,000.0	81.00
49	PN-II-ID-PCE-2011-3-0643	Stiinta materialelor	Georgescu	Serban	National Institute for Laser, Plasma and Radiation Physics	Infrared-infrared and infrared-ultraviolet upconversion processes in rare-earth doped phosphors	1,500,000.0	81.00
50	PN-II-ID-PCE-2011-3-0544	Stiinta materialelor	Fechete	Radu	Technical University of Cluj-Napoca	Structure-dynamics-properties relationships and aging effects in nanocomposite elastomers and proton exchange membranes	1,500,000.0	81.00
51	PN-II-ID-PCE-2011-3-0566	Stiinta materialelor	Nistor	Magdalena	National Institute for Lasers, Plasmas and Radiation Physics	Multifunctional zinc oxide thin films	1,500,000.0	80.75

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
52	PN-II-ID-PCE-2011-3-0473	Stiinta materialelor	Carp	Oana	Institute of Physical Chemistry "Ilie Murgulescu" of the Romanian Academy	Eco-friendly design/synthesis of nanooxides: control of size, shape, morphology and fuctionalization of ZnO by polysaccharide-assisted methodologies	1,300,000.0	80.67
53	PN-II-ID-PCE-2011-3-0300	Stiinta materialelor	Dragan	Ecaterina Stela	Petru Poni Institute of Macromolecular Chemistry	Porous ionic matrices with tailored architectures and responsiveness to host bioactive compounds	1,350,000.0	80.50
54	PN-II-ID-PCE-2011-3-1065	Stiinta materialelor	Leca	Victor	National Institute for Research and Development in Microtechnologies	Experimental investigation on the order parameter symmetry of the superconducting Sr1-xLaxCuO2 thin films using SQUIDs	1,265,000.0	80.33
55	PN-II-ID-PCE-2011-3-0856	Stiinta materialelor	Neda	Ion	National Institute for Research&Development in Electrochemistry and Condensed Matter Timisoara	IMMUNOMODULANTE FLUOROLYCOPEPTIDE MOLECULAR ARCHITECTURES	1,700,000.0	80.25