

Program IDEI_Proiecte de Cercetare Exploratorie_Competitie 2011
Rezultate preliminare

| Nr. Crt. | Cod Proiect | Domeniu | Nume | Prenume | Institutie | Titlul | Punctaj final | Buget total solicitat (lei) | STARE |
|----------|--------------------------|---------------------|------------|----------------|---|---|---------------|-----------------------------|--------------------------------------|
| 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 | 96.33 | 1,700,000.0 | se incadreaza in bugetul competitiei |
| 2 | PN-II-ID-PCE-2011-3-0089 | Stiinte ingineresti | Badescu | Viorel | Universitatea Politehnica din Bucuresti | Nowcasting and forecasting of PV power plant operation | 95.67 | 1,456,812.8 | se incadreaza in bugetul competitiei |
| 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 | 93 | 1,500,000.0 | se incadreaza in bugetul competitiei |
| 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 | 92 | 1,000,000.0 | se incadreaza in bugetul competitiei |
| 5 | PN-II-ID-PCE-2011-3-0400 | Stiinte ingineresti | Dumitrescu | Bogdan | Politehnica University of Bucharest | Sparse representations in signal processing | 89.67 | 667,500.0 | se incadreaza in bugetul competitiei |
| 6 | 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 | 89.33 | 1,500,000.0 | se incadreaza in bugetul competitiei |
| 7 | 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 | 89 | 1,500,000.0 | se incadreaza in bugetul competitiei |
| 8 | 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 | 88.33 | 1,075,725.0 | se incadreaza in bugetul competitiei |
| 9 | PN-II-ID-PCE-2011-3-0235 | Stiinte ingineresti | Oara | Cristian | Universitatea Politehnica din Bucuresti | Robust control in nonstandard cases | 88.33 | 1,440,000.0 | se incadreaza in bugetul competitiei |
| 10 | 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 | 88 | 1,419,100.0 | se incadreaza in bugetul competitiei |
| 11 | PN-II-ID-PCE-2011-3-1027 | Stiinte ingineresti | Datcu | Mihai | University Politehnica Bucharest | Enhancing four dimensional Synthetic Aperture Radar measurements | 87.67 | 1,500,000.0 | se incadreaza in bugetul competitiei |
| 12 | PN-II-ID-PCE-2011-3-0071 | Stiinte ingineresti | Mircea | Dragoman | NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT IN MICRITECHNOLOGIES IMT-Bucharest | Graphene nanoelectronic devices for high frequency applications | 87.33 | 1,500,000.0 | se incadreaza in bugetul competitiei |
| 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 | 87 | 1,450,000.0 | se incadreaza in bugetul competitiei |
| 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 | 86.75 | 1,494,000.0 | se incadreaza in bugetul competitiei |

Program IDEI_Proiecte de Cercetare Exploratorie_Competitie 2011
Rezultate preliminare

| Nr. Crt. | Cod Proiect | Domeniu | Nume | Prenume | Institutie | Titlul | Punctaj final | Buget total solicitat (lei) | STARE |
|----------|--------------------------|---------------------|-------------|-----------------|---|--|---------------|-----------------------------|--------------------------------------|
| 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 | 86.67 | 1,400,000.0 | se incadreaza in bugetul competitiei |
| 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 | 86 | 490,000.0 | se incadreaza in bugetul competitiei |
| 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 | 86 | 1,425,000.0 | se incadreaza in bugetul competitiei |
| 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 | 85.75 | 1,699,575.0 | se incadreaza in bugetul competitiei |
| 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 | 85.67 | 1,380,000.0 | se incadreaza in bugetul competitiei |
| 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 | 85.67 | 1,500,000.0 | se incadreaza in bugetul competitiei |
| 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 | 84.67 | 1,461,600.0 | se incadreaza in bugetul competitiei |
| 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 | 84.33 | 1,500,000.0 | se incadreaza in bugetul competitiei |
| 23 | PN-II-ID-PCE-2011-3-0097 | Stiinte ingineresti | Albu | Felix | UNIVERSITATEA VALAHIA TARGOVISTE | Advanced Adaptive Algorithms for Digital Hearing Aids | 84 | 1,209,000.0 | se incadreaza in bugetul competitiei |
| 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 | 83.67 | 931,500.0 | se incadreaza in bugetul competitiei |
| 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 | 83.67 | 1,400,000.0 | se incadreaza in bugetul competitiei |
| 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 | 83.5 | 1,500,000.0 | se incadreaza in bugetul competitiei |
| 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. | 83.33 | 1,500,000.0 | se incadreaza in bugetul competitiei |
| 28 | PN-II-ID-PCE-2011-3-0698 | Stiinte ingineresti | LAZAROIU | Gheorghe | University POLITEHNICA of Bucharest | Innovative energy vector hydrogen-solid biomass | 82.67 | 1,500,000.0 | se incadreaza in bugetul competitiei |

Program IDEI_Proiecte de Cercetare Exploratorie_Competitie 2011
Rezultate preliminare

| Nr. Crt. | Cod Proiect | Domeniu | Nume | Prenume | Institutie | Titlul | Punctaj final | Buget total solicitat (lei) | STARE |
|----------|--------------------------|---------------------|-----------------|-----------------|--|--|---------------|-----------------------------|------------------|
| 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 | 82.33 | 1,500,000.0 | lista de rezerva |
| 30 | PN-II-ID-PCE-2011-3-0213 | Stiinte ingineresti | Rasvan | Vladimir | University of Craiova | Automatic Control of the Systems Described by Equations of Conservation Laws. | 82.25 | 1,365,165.0 | lista de rezerva |
| 31 | PN-II-ID-PCE-2011-3-0657 | Stiinte ingineresti | Diaconu | Bogdan Marian | Universitatea "Constantin Brancusi" din Tg-Jiu | Development of a new type of composite phase change material panel for lightweight construction | 81.33 | 1,008,400.0 | lista de rezerva |
| 32 | PN-II-ID-PCE-2011-3-0694 | Stiinte ingineresti | SUSAN-RESIGA | Romeo Florin | UNIVERSITATEA "POLITEHNICA" DIN TIMISOARA | New Methods for Mitigating the Vortex Breakdown in Turbomachinery Decelerated Swirling Flows | 81.33 | 1,472,000.0 | lista de rezerva |
| 33 | 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 | 81 | 1,368,125.0 | lista de rezerva |
| 34 | PN-II-ID-PCE-2011-3-0814 | Stiinte ingineresti | Iulian | RIPOSAN | UNIVERSITATEA POLITEHNICA BUCURESTI | Graphite nucleation control in high performance cast irons, particularly in thin wall castings production, typically for automotive industry | 81 | 1,500,000.0 | lista de rezerva |
| 35 | PN-II-ID-PCE-2011-3-0551 | Stiinte ingineresti | Aldica | Gheorghe Virgil | National Institute of Materials Physics | Electro-active Polymers and Polymer Composites for Energy Harvesting | 81 | 1,700,000.0 | lista de rezerva |
| 36 | PN-II-ID-PCE-2011-3-1019 | Stiinte ingineresti | Stefan | Radu | Universitatea Politehnica Bucuresti | ADVANCED TOPICS IN ROBUST ANALYSIS AND SYNTHESIS. APPLICATIONS TO AIRCRAFT CONTROL. | 80.67 | 1,261,250.0 | lista de rezerva |
| 37 | PN-II-ID-PCE-2011-3-0414 | Stiinte ingineresti | Galaction | Anca Irina | Gr.T.Popa University of Medicine and Pharmacy | NON-CONVENTIONAL SYSTEMS FOR AEROBIC FERMENTATION - THE USE OF OXYGEN-VECTORS IN BIOSYNTHESIS OF BIOACTIVE COMPOUNDS | 80.67 | 1,455,000.0 | lista de rezerva |
| 38 | PN-II-ID-PCE-2011-3-0108 | Stiinte ingineresti | PASCOVICI | Mircea Dumitru | Universitatea POLITEHNICA din Bucuresti | The process of re-imbibition of porous and highly compressible layers | 79.5 | 1,000,000.0 | lista de rezerva |
| 39 | PN-II-ID-PCE-2011-3-0887 | Stiinte ingineresti | Grigorie | Teodor Lucian | University of Craiova | High-precision micro and nano smart sensors for inertial navigation applications | 79.5 | 1,499,301.0 | lista de rezerva |
| 40 | PN-II-ID-PCE-2011-3-0105 | Stiinte ingineresti | Balan | Corneliu | Universitatea Politehnica Bucuresti | Rheological characterization and modeling of complex fluids (concentrate suspensions and pastes) in the vicinity of solid surfaces and interfaces. | 79.33 | 1,015,000.0 | lista de rezerva |
| 41 | PN-II-ID-PCE-2011-3-0707 | Stiinte ingineresti | MAZILU | TRAIAN | University Politehnica of Bucharest | RESEARCHES ON THE INSTABILITY PHENOMENON OF VIBRATION OF A RAILWAY VEHICLE CAUSED BY THE ANOMALOUS DOPPLER WAVES RADIATED IN THE TRACK | 79 | 1,412,500.0 | lista de rezerva |
| 42 | PN-II-ID-PCE-2011-3-0470 | Stiinte ingineresti | Filip | Valeriu | Universitatea din Bucuresti | Study of electron field emission from nanostructured materials with applications to electron sources | 78.67 | 1,500,000.0 | lista de rezerva |

Program IDEI_Proiecte de Cercetare Exploratorie_Competitie 2011
Rezultate preliminare

| Nr. Crt. | Cod Proiect | Domeniu | Nume | Prenume | Institutie | Titlul | Punctaj final | Buget total solicitat (lei) | STARE |
|----------|--------------------------|---------------------|------------|-----------------|---|--|---------------|-----------------------------|------------------|
| 43 | PN-II-ID-PCE-2011-3-0371 | Stiinte ingineresti | Fratila | Domnita-Florina | Technical University of Cluj-Napoca | TRANSITION TO SUSTAINABLE PRODUCTION- DEVELOPMENT OF A MODEL FOR ECOLOGICAL IMPACT ASSESSMENT OF THE MANUFACTURING PROCESSES | 78.33 | 1,497,068.0 | lista de rezerva |
| 44 | PN-II-ID-PCE-2011-3-0951 | Stiinte ingineresti | Bildea | Costin Sorin | University POLITEHNICA of Bucharest | Novel Reactor Concepts for Coupling Endothermic and Exothermic Reactions | 78.33 | 1,500,000.0 | lista de rezerva |
| 45 | PN-II-ID-PCE-2011-3-0900 | Stiinte ingineresti | Duma | Virgil-Florin | Aurel Vlaicu University of Arad (UNIVERSITATEA AUREL VLAICU ARAD) | Radiometric Study of Some Optical Devices and Systems | 78 | 1,500,000.0 | Nefinantabil |
| 46 | PN-II-ID-PCE-2011-3-0074 | Stiinte ingineresti | Popescu | Theodor Dan | National Institute for Research and Development in Informatics | Advanced Techniques for Independent Component Analysis and Blind Source Separation with Applications | 77.67 | 1,292,174.0 | Nefinantabil |
| 47 | PN-II-ID-PCE-2011-3-0741 | Stiinte ingineresti | Dumitrescu | Horia | Institute of Mathematical Statistics and Applied Mathematics Gheorghe Mihoc - Caius Iacob | Active and passive lift force augmentation concepts on wind turbine performance | 77.33 | 1,300,000.0 | Nefinantabil |
| 48 | PN-II-ID-PCE-2011-3-0434 | Stiinte ingineresti | Borcoci | Eugen | Universitatea Politehnica din Bucuresti | ENABLING MOBILITY USING MULTIPATH TCP | 77.33 | 1,500,000.0 | Nefinantabil |
| 49 | PN-II-ID-PCE-2011-3-0391 | Stiinte ingineresti | DOGARU | Radu | UNIVERSITATEA POLITEHNICA BUCURESTI | Natural Computing with Cellular Nonlinear Networks: Architectures, Smart Sensing and Modeling Applications | 77 | 675,000.0 | Nefinantabil |
| 50 | PN-II-ID-PCE-2011-3-0595 | Stiinte ingineresti | ILIE | Mariana | Universitatea Politehnica din Timisoara | Metal -Polymer Laser Welding Modeling | 77 | 930,037.0 | Nefinantabil |
| 51 | PN-II-ID-PCE-2011-3-0627 | Stiinte ingineresti | TOSA | Monica Ioana | University Babes Bolyai | Tailor-made immobilized enzymes for enantioselective synthesis of valuable chiral building blocks | 76.67 | 1,500,000.0 | Nefinantabil |
| 52 | PN-II-ID-PCE-2011-3-0026 | Stiinte ingineresti | Nicu | Bizon | UNIVERSITY OF PITESTI | ARCHITECTURES FOR HIGH RELIABILITY HYBRID POWER SOURCES USED IN AUTOMOTIVE AND ENERGY GENERATION SYSTEMS | 76.33 | 1,219,200.0 | Nefinantabil |
| 53 | PN-II-ID-PCE-2011-3-0621 | Stiinte ingineresti | ZAHARESCU | TRAIAN | INC DIE ICPE-CA | THEORETICAL AND EXPERIMENTAL AND MODELING STUDIES IN THE AREA OF ELECTROMECHANICAL ACTUATION AND CONSTRUCTION STARTING ON GENERALISED FORCES EVOLVED | 76 | 1,300,000.0 | Nefinantabil |
| 54 | PN-II-ID-PCE-2011-3-0421 | Stiinte ingineresti | VLAD | STELIAN | PETRU PONI INSTITUTE OF MACROMOLECULAR CHEMISTRY | TISSUE-ENGINEERED SKIN SUBSTITUTES BASED ON POLYURETHANE BIOMATERIALS | 76 | 1,500,000.0 | Nefinantabil |
| 55 | PN-II-ID-PCE-2011-3-0727 | Stiinte ingineresti | Lavric | Vasile | University POLITEHNICA of Bucharest | Integrated water/wastewater networks dynamic behavior analysis. | 76 | 1,500,000.0 | Nefinantabil |
| 56 | PN-II-ID-PCE-2011-3-0810 | Stiinte ingineresti | Condurache | Daniel | Technical University "Gheorghe Asachi" | New solutions to problems in Orbital Mechanics, with application to Distributed Spacecraft Systems. | 75.67 | 1,490,975.0 | Nefinantabil |

Program IDEI_Proiecte de Cercetare Exploratorie_Competitie 2011
Rezultate preliminare

| Nr. Crt. | Cod Proiect | Domeniu | Nume | Prenume | Institutie | Titlul | Punctaj final | Buget total solicitat (lei) | STARE |
|----------|--------------------------|---------------------|------------|----------------|--|---|---------------|-----------------------------|--------------|
| 57 | PN-II-ID-PCE-2011-3-0191 | Stiinte ingineresti | Lelea | Dorin | University Politehnica of Timisoara | The nanofluid passive mixing in microchannels | 75.5 | 1,145,750.0 | Nefinantabil |
| 58 | PN-II-ID-PCE-2011-3-0302 | Stiinte ingineresti | Teodor | Virgil Gabriel | "Dunarea de Jos" University of Galati | General Theory and Method for Generation of Numerical Represented Tools as Thermo Mechanical Deformable Models for Compensating the Surfaces Errors | 75.33 | 1,380,000.0 | Nefinantabil |
| 59 | PN-II-ID-PCE-2011-3-0225 | Stiinte ingineresti | Postelnicu | Adrian | Transilvania University | Active and passive flow control in composite fluid-porous layers systems (AFPOR) | 75.33 | 1,450,000.0 | Nefinantabil |
| 60 | PN-II-ID-PCE-2011-3-0615 | Stiinte ingineresti | Herisanu | Nicolae | Universitatea Politehnica Timisoara | Analytical approaches to nonlinear mechanical vibration systems | 75 | 1,499,993.0 | Nefinantabil |
| 61 | PN-II-ID-PCE-2011-3-0973 | Stiinte ingineresti | Ursu | Ioan | Institutul National de Cercetare-Dezvoltare Aerospatiale "Elie Carafoli"-INCAS Bucuresti | Dealing with uncertainties: model evaluation, robust analysis and control of aerospace structures | 74.67 | 1,200,000.0 | Nefinantabil |
| 62 | PN-II-ID-PCE-2011-3-0156 | Stiinte ingineresti | MARIN | MARIN | Transilvania University of Brasov | MECHANICS MODELS OF THE MICROSTRETCH AND COMPOSITE MATERIALS FOR THE STUDY OF THE GLOBAL PROPERTIES OF ENERGY DISSIPATION | 74.67 | 1,291,764.0 | Nefinantabil |
| 63 | PN-II-ID-PCE-2011-3-0307 | Stiinte ingineresti | Curteanu | Silvia | Universitatea Tehnica Gheorghe Asachi din Iasi | Modeling and optimization of complex chemical processes using neuro-evolutionary techniques | 74 | 1,240,000.0 | Nefinantabil |
| 64 | PN-II-ID-PCE-2011-3-0055 | Stiinte ingineresti | Rusu | Liliana Celia | Universitatea Dunarea de Jos din Galati | SAFEROUTES – Implementation of a system based on numerical models for safety increasing of the navigation in the Black Sea | 74 | 1,343,062.0 | Nefinantabil |
| 65 | PN-II-ID-PCE-2011-3-0239 | Stiinte ingineresti | Marinca | Vasile | Universitatea Politehnica Timisoara | New optimal analytical techniques applied in the study of nonlinear problems in mechanical engineering | 74 | 1,498,673.0 | Nefinantabil |
| 66 | PN-II-ID-PCE-2011-3-0306 | Stiinte ingineresti | Buiu | Catalin | Universitatea Politehnica din Bucuresti | Innovative techniques for human-robotic swarm interface design, for control of swarm hierarchy and for swarm security | 74 | 1,500,000.0 | Nefinantabil |
| 67 | PN-II-ID-PCE-2011-3-0410 | Stiinte ingineresti | Sterian | Corneliu Eugen | University POLITEHNICA Bucharest | Advanced techniques of space-time and space-frequency trellis coded modulation for broadband mobile communications using OFDM. | 73.33 | 123,625.0 | Nefinantabil |
| 68 | PN-II-ID-PCE-2011-3-0752 | Stiinte ingineresti | Rusu | Corneliu | UNIVERSITATEA TEHNICA DIN CLUJ-NAPOCA | Wildlife Protected Areas Intruder Detection | 73.33 | 1,500,000.0 | Nefinantabil |
| 69 | PN-II-ID-PCE-2011-3-0587 | Stiinte ingineresti | Vizireanu | Dragos Nicolae | University Politehnica of Bucharest | Contributions to noise reduction algorithms with applications to hearing impaired aids | 73 | 1,500,000.0 | Nefinantabil |
| 70 | PN-II-ID-PCE-2011-3-0989 | Stiinte ingineresti | Ciutina | Adrian | Universitatea "Politehnica" Timisoara | Dual Frames with Removable Dissipative Hysteretic Components | 71.67 | 1,257,277.0 | Nefinantabil |

Program IDEI_Proiecte de Cercetare Exploratorie_Competitie 2011
Rezultate preliminare

| Nr. Crt. | Cod Proiect | Domeniu | Nume | Prenume | Institutie | Titlul | Punctaj final | Buget total solicitat (lei) | STARE |
|-----------------|--------------------------|---------------------|-------------|-----------------|---|---|----------------------|------------------------------------|--------------|
| 71 | PN-II-ID-PCE-2011-3-0924 | Stiinte ingineresti | Belega | Daniel-Cornel | Politehnica University of Timisoara, Faculty of electronics and Telecommunications | Dynamic Testing of High-Resolution Analog-to-Digital Converters by Means of Sine-Fitting Algorithms | 71.33 | 202,400.0 | Nefinantabil |
| 72 | PN-II-ID-PCE-2011-3-0692 | Stiinte ingineresti | BURNEI | Gheorghe | NATIONAL INSTITUTE OF RESEARCH AND DEVELOPMENT FOR MECHATRONICS AND MEASUREMENT TECHNIQUE | TREATMENT OF CONGENITAL MALFORMATIONS OF THORACIC LIMBS BY DEVELOPMENT OF IMPLANTS ADAPTED TO PATIENTS ANATOMY WITH 3D SKELETAL RECONSTRUCTION | 70.25 | 1,500,000.0 | Nefinantabil |
| 73 | PN-II-ID-PCE-2011-3-1018 | Stiinte ingineresti | Nemes | Ovidiu | Technical University of Cluj-Napoca | Complex non-linear analysis and optimization of adhesive bonded joints assemblies | 69.33 | 1,500,000.0 | Nefinantabil |
| 74 | PN-II-ID-PCE-2011-3-0932 | Stiinte ingineresti | tirnovan | radu adrian | Technical University of Cluj-Napoca | Research on analysis and multiphysics modeling of the electrical energy generation/storage systems based on proton exchange membrane fuel cells PEMFC | 65.67 | 1,400,000.0 | Nefinantabil |
| 75 | PN-II-ID-PCE-2011-3-0836 | Stiinte ingineresti | Chiorean | Cosmin-Gruia | Universitatea Tehnica din Cluj-Napoca | Progressive collapse analysis of 3D frame structures subjected to explosion load followed by fire attack | 65.33 | 1,200,000.0 | Nefinantabil |
| 76 | PN-II-ID-PCE-2011-3-0936 | Stiinte ingineresti | Turdean | Graziella Liana | University Babes Bolyai | Autonomous Robotic Mapping of Chemically Polluted Environments | 64.67 | 1,500,000.0 | Nefinantabil |
| 77 | PN-II-ID-PCE-2011-3-0290 | Stiinte ingineresti | Chiper | Doru Florin | Tehcnical University "Gh.Asachi" Iasi | „A New Approach in Designing VLSI Algorithms and Architectures for Key Multimedia Functions” | 62 | 1,221,875.0 | Nefinantabil |
| 78 | PN-II-ID-PCE-2011-3-0748 | Stiinte ingineresti | Suciu | Constantin | Universitatea Transilvania Brasov | HOPE – High-Performance Computing on OPTimized Cardio component modElS | 60.5 | 1,157,466.7 | Nefinantabil |
| 79 | PN-II-ID-PCE-2011-3-0806 | Stiinte ingineresti | HARPA | RODICA | The Gheorghe Asachi Technical University of Iasi | Exploratory research for yarns performance prediction in fabrics manufacturing, through artificial neural network modeling | 59.33 | 991,134.0 | Nefinantabil |
| 80 | PN-II-ID-PCE-2011-3-0252 | Stiinte ingineresti | Mariella | Constantinescu | Institutul de Chimie Fizica "Ilie Murgulescu" al Academiei Romane | Analysis by experiments and simulation of the solar technologies based on innovative PCM, adaptive systems integrated into NearlyZeroEnergyBuildings | 58 | 1,500,000.0 | Nefinantabil |
| 81 | PN-II-ID-PCE-2011-3-0663 | Stiinte ingineresti | CATALINA | Tiberiu | Technical University of Civil Engineering Bucharest | Radiant Cooling Systems: Experimental and numerical analysis of thermal performance and condensation risk | 55 | 1,500,000.0 | Nefinantabil |