

## **PROGRAM IDEI\_PROIECTE COMPLEXE DE CERCETARE EXPLORATORIE\_COMPETITIA 2011**

Nr Crt	COD	DOMENIU	NUME DIRECTOR	PRENUME DIRECTOR	INSTITUTIE	TITLU (EN)	VALOARE BUGET APROBAT_AN 2013 (lei)
1	PN-II-ID-PCCE-2011-2-0006	Stiinta materialelor	Pintilie	Lucian	Institutul National de Cercetare-Dezvoltare pentru Fizica Materialelor	Effect of interfaces on charge transport in ferroic/multiferroic heterostructures	1,060,000.00
2	PN-II-ID-PCCE-2011-2-0013	Biologie si Ecologie	SOFICARU	ANDREI	INSTITUTUL FRANCISC RAINER AL ACADEMIEI ROMANE	REVEALING BUCHAREST'S PAST: AN INTEGRATIVE STUDY OF ANCIENT DNA AND OSTEOARCHAEOLOGICAL DATA OF LATE MEDIEVAL POPULATIONS	899,000.00
3	PN-II-ID-PCCE-2011-2-0015	Matematica si Informatica	Tudor	Ciprian	Academia de Studii Economice Bucuresti	Stochastic Analysis and Parameter Estimation in systems with memory	538,253.00
4	PN-II-ID-PCCE-2011-2-0024	Biologie si Ecologie	Ciubotaru	Mihai	INSTITUTUL DE BIOCHIMIE AL ACADEMIEI ROMANE	V(D)J recombination targeted in cis by transcription induced DNA supercoiling.	1,024,331.00
5	PN-II-ID-PCCE-2011-2-0027	Biologie si Ecologie	Luchian	Tudor	UNIVERSITATEA ALEXANDRU IOAN CUZA DIN IASI	Ion sensing and separation through modified cyclic peptides, cyclodextrins and protein pores	1,164,451.00
6	PN-II-ID-PCCE-2011-2-0028	Stiintele vietii aplicate si Biotehnologii	Pinteala	Mariana	Institutul de Chimie Macromoleculara "Petru Poni" din Iasi	Biologically inspired systems for engineered structural and functional entities	1,209,319.00
7	PN-II-ID-PCCE-2011-2-0036	Medicina	Simionescu	Dan Teodor	Universitatea de Medicina si farmacie din Targu Mures	Stem cell seeded collagen scaffolds for heart valve replacement	1,307,285.50
8	PN-II-ID-PCCE-2011-2-0045	Stiinte sociale si economice	MacLeod	Colin	Babes-Bolyai University	Genetic and environmental factors in emotion regulation development during adolescence: implications for anxiety disorders and depression	1,488,877.50
9	PN-II-ID-PCCE-2011-2-0050	Stiinta materialelor	Andruh	Marius	University of Bucharest	Design of organic spacers for constructing metal-organic frameworks (mofs) – towards a better control of the porous architecture and active catalytic sites	1,289,375.00
10	PN-II-ID-PCCE-2011-2-0069	Stiinte ingineresti	VECA	Lucia Monica	National Institute for Research and Development in Microtechnologies IMT-Bucharest	Carbon quantum dots: exploring a new concept for next generation optoelectronic devices	952,656.00
11	PN-II-ID-PCCE-2011-2-0073	Stiintele pamantului	Aristita	Busuioc	ADMINISTRATIA NATIONALA DE METEOROLOGIE - ANM BUCURESTI	Changes in Climate Extremes and Associated Impact in Hydrological Events in Romania	1,143,940.50
12	PN-II-ID-PCCE-2011-2-0075	Stiinte ingineresti	Gheorghiu	Eugen	CENTRUL INTERNATIONAL DE BIODINAMICA	Electro-Plasmonics for the analysis of the dynamics of cellular processes and biomolecular interactions - BioScope	1,301,731.50