

**PROGRAM RESURSE UMANE \_SUBPROGRAM TINERE ECHIPE**  
**LISTA PROIECTE FINANTATE AL CAROR DIRECTOR A PROVENIT DIN STRAINATATE**

Nr. Crt.	Cod Proiect	Nume	Prenume	Institutie	Titlul
1	PN-II-RU-TE-2011-3-0085	Bilc	Daniel Ioan	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU TEHNOLOGII IZOTOPICE SI MOLECULARE CLUJ-NAPOCĂ	First-Principles Modeling of SrTiO <sub>3</sub> based Oxides for Thermoelectric Applications
2	PN-II-RU-TE-2011-3-0051	Borcea	Ruxandra	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU FIZICA SI INGINERIE NUCLEARA HORIA HULUBEI IFIN HH DIN BUCURESTI	Probing the nuclear structure at the limits of stability
3	PN-II-RU-TE-2011-3-0269	CERNAT	Ramona	National Institute for Laser, Plasma and Radiation Physics - INFIPR	Trace gas detection in life sciences by laser photoacoustic methods - TRACELIFE
4	PN-II-RU-TE-2011-3-0022	Copolovici	Lucian Octav	Aurel Vlaicu University	Emission of volatile compounds from Betulacea and Fagacea elicited during biotic and abiotic stresses"
5	PN-II-RU-TE-2011-3-0121	Ercsey-Ravasz	Maria-Magdalna	Universitatea Babes-Bolyai	A continuous-time approach to constraint satisfaction: Optimization hardness as transient chaos
6	PN-II-RU-TE-2011-3-0134	Farcau	Cosmin	Babes-Bolyai University	Development of Dual Electrical/Optical NanoSensors on Flexible Substrates by Colloidal Self-Assembly
7	PN-II-RU-TE-2011-3-0122	HERNEST	Mircea-Dan	The Institute of Mathematics "Simion Stoilow" (IMAR)	Optimized program synthesis from proofs
8	PN-II-RU-TE-2011-3-0154	Ivoranu	Cristina	University of Agricultural Science and Veterinary Medicine	Nanobiotechnology tools for molecular medicine applications: Nano- and microstructures synthesis, characterisation and in vitro studies
9	PN-II-RU-TE-2011-3-0299	Ivan	Ioan Alexandru	Universitatea Valahia din Targoviste	Advanced devices for micro and nanoscale manipulation and characterization (ADMAN)
10	PN-II-RU-TE-2011-3-0043	Lendek	Zsofia	Universitatea Tehnica din Cluj-Napoca	Observer design for structured distributed dynamic systems
11	PN-II-RU-TE-2011-3-0160	Maxim	Florentina Violeta	Institute of Physical Chemistry Ilie Murgulescu	nanoPerovskites in one-dimension: synthesis, structure, properties
12	PN-II-RU-TE-2011-3-0184	Micu	Octavian	INSTITUTUL NATIONAL PENTRU FIZICA LASERILOR, PLASMEI SI RADIATIEI INSTITUTUL DE STIINTE SPATIALE	Probing physics beyond the Standard Model with micro black holes and neutrinos
13	PN-II-RU-TE-2011-3-0174	Mihesan	Maria Claudia	Institute of Macromolecular Chemistry "Petru Poni" Iasi	Bionanoconjugates formation by laser ablation in liquid
14	PN-II-RU-TE-2011-3-0235	Persoiu	Aurel	"Stefan cel Mare" University, Suceava	Rolscapes – understanding the link between climate and stable isotopes in precipitation, drip water and newly precipitated cave calcite, in Romania
15	PN-II-RU-TE-2011-3-0038	Petre	Brindusa-Alina	"Aurel Vlaicu" University of Arad	New Mass-Spectrometric-based Approaches to Elucidation of Oxidative Modifications in Proteins
16	PN-II-RU-TE-2011-3-0259	Popescu	Ionel	"Simion Stoilow" Institute of Mathematics of Romanian Academy	Randomness, Geometric Problems and Functional Inequalities
17	PN-II-RU-TE-2011-3-0106	Pustan	Marius	UT-Cluj	Nanomechanical and Nanotribological Characterization for Reliability Design of MEMS Resonators
18	PN-II-RU-TE-2011-3-0307	Rotaru	Aurelian	Stefan cel Mare University	Analysis of cooperativity and low dimensionality effects in bistable molecular systems with applications in nanoelectronics.
19	PN-II-RU-TE-2011-3-0249	Telea	Alexandru-Cristian	Universitatea de Medicina si Farmacie "Carol Davila"	Image-Based Assisted Diagnosis and Prognosis of Cutaneous Melanocytic Tumors
20	PN-II-RU-TE-2011-3-0302	Vasilescu	Alina	Centrul International de Biodinamica	Tracing proteins through food processing with biosensors