

**Program Resurse Umane\_Proiecte de Cercetare Postdoctorala\_Competitia 2012**  
**Stiinta materialelor\_Proiecte aprobate la finantare**

Nr. Crt.	Cod	Domeniu	Nume	Prenume	Institutie	Titlu	Punctaj final
1	PN-II-RU-PD-2012-3-0377	Stiinta materialelor	Blanita	Gabriela	National Institute for Research and Development of Isotopic and Molecular Technologies Cluj-Napoca	NaH3 nanoconfinement in porous structures for hydrogen storage	91.16
2	PN-II-RU-PD-2012-3-0270	Stiinta materialelor	Cristian	Tudoran	National Institute for Research and Development of Molecular and Isotopic Technologies	High frequency cold plasmas for biodiesel production and surface engineering applications	90
3	PN-II-RU-PD-2012-3-0117	Stiinta materialelor	Matei	Elena	National Institute of Materials Physics	High control of pure and doped ZnO nanostructures properties through complex/multistep electrodeposition processes	89.67
4	PN-II-RU-PD-2012-3-0090	Stiinta materialelor	Tudose	Madalina	Institute of Physical Chemistry 'Ilie Murgulescu'	Silver nanoparticles- the effect of chemical surface modification on their chemical and biological reactivity	89
5	PN-II-RU-PD-2012-3-0102	Stiinta materialelor	Pop	Oana-Raluca	National Institute for Research and Development in Electrochemistry and Condensed Matter, Timisoara	Fullerenes and their precursors as building blocks for nanomaterials	88.5
6	PN-II-RU-PD-2012-3-0295	Stiinta materialelor	Neatu	Florentina	National Institute of Research & Development of Material Physics	Heterogeneous nanocatalysts with application in tandem Sonogashira/lactonisation reaction	88.5
7	PN-II-RU-PD-2012-3-0305	Stiinta materialelor	Crisan	Alina Daniela	National Institute for Materials Physics	Novel FePt(Pd) nanocomposite magnets for high temperature / corrosive media applications	88
8	PN-II-RU-PD-2012-3-0357	Stiinta materialelor	Maria	Ignat	Petru Poni Institute of Macromolecular Chemistry	POLYMER COATED ORDERED MESOPOROUS CARBONS WITH MULTIFUNCTIONAL PROPERTIES	87.5
9	PN-II-RU-PD-2012-3-0346	Stiinta materialelor	Dorcioman	Corina Gabriela	National Institute for Lasers, Plasma and Physics Radiation	Comprehensive study of the effects induced to thin films of transition metal nitrides and carbo-nitrides by ion irradiation	86.67
10	PN-II-RU-PD-2012-3-0124	Stiinta materialelor	Pruna	Alina	University of Bucharest	Synthesis and characterization of carbon-based nanoarchitected composites for energy storage applications	85.5
11	PN-II-RU-PD-2012-3-0051	Stiinta materialelor	Negrila	Constantin-Catalin	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor (National Institute of Materials Physics)	Improving of some in situ techniques for the obtaining of metal/GaAs structures with applications in X-Ray detection	85.16