

Program IDEI_Proiecte de Cercetare Exploratorie_Competitia 2012

Lista propuneri proiecte primite

Nr. crt.	Cod	Nume director	Prenume director	Institutie	Titlu (RO)	Titlu (Engl)	Domeniu	arie	Denumire arie
1	PN-II-ID-PCE-2012-4-0014	Teodor	Virgil Gabriel	Dunarea de Jos University of Galati	Tehnologie de compensare a erorilor de generare utilizand modele virtuale de scule deformabile termo-mecanic	Technology for Generating Error Compensation using Thermo Mechanical Deformable Virtual Tools Models	Stiinte ingineresti	PE8_8	Mechanical and manufacturing engineering (shaping, mounting, joining, separation)
2	PN-II-ID-PCE-2012-4-0015	Gologan	Daniela	Babes Bolyai University	Publicurile Generatiei Digitale. Reconfigurarea creatiei prin analiza conditiei de spectator	Born Digital Audiences. Reconfiguring Creation through Spectatorship Analysis	Stiinte umaniste	SH5_6	Performing arts
3	PN-II-ID-PCE-2012-4-0016	Bratulescu	George	University of Craiova	Protocoale curate si benigne in chimia farmaceutica la obtinerea de medicamente: sinteze de acridine, potentiali agenti chimioterapeutici	Eco-friendly and benign protocols for drug development in pharmaceutical chemistry: acridine syntheses as potential chemotherapeutic agents	Medicina	LS7_3	Pharmacology, pharmacogenomics, drug discovery and design, drug therapy
4	PN-II-ID-PCE-2012-4-0017	Romanescu	Gheorghe	University "Alexandru Ioan Cuza" of Iasi	Efectul environmental al inundatiilor din bazinele hidrografice Jijia si Baseu in contextul schimbarilor climatice globale - modele de planificare.	The environmental effects of the floods within the hydrographic basins of Jijia and Baseu in the context of global climatic changes - planning models.	Stiintele pamantului	PE10_17	Hydrology, water and soil pollution
5	PN-II-ID-PCE-2012-4-0018	Vasilescu	Catalin	Fundeni Clinical Institute	Rolul microRNA in modularea imuna dupa splenectomia totala si partiala.	The role of microRNAs in immune regulation after total and partial splenectomy	Medicina	LS7_7	Surgery
6	PN-II-ID-PCE-2012-4-0020	Gogaltan	Florin	Institute of Archaeology and Histroy of Art, Romanian Academy Cluj-Napoca	Viata in asezarile de tip tell ale epocii bronzului. Studiu de arheologie a asezarilor de la granita estica a bazinului Carpatic.	Living in the Bronze Age Tell Settlements. A Study of Settlement Archaeology at the Eastern Frontier of the Carpathian Basin.	Stiinte umaniste	SH6_1	Archaeology, archaeometry, landscape archaeology

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7	PN-II-ID-PCE-2012-4-0021	Mihailescu	Mihai	Institutul de Matematica al Academiei Romane - Simion Stoilow	Analiza exponentilor variabili: ecuatii cu derivate partiale si calcul variational	Variable Exponent Analysis: Partial Differential Equations and Calculus of Variations	Matematica si Informatica	PE1_11	Partial differential equations
8	PN-II-ID-PCE-2012-4-0022	TUDORA	Anabella	University of Bucharest, Faculty of Physics	Modelarea emisiei neutronilor prompti si a cuantelor gamma prompte in fisiune	Modeling of the prompt neutron and gamma-ray emission in fission	Fizica	PE2_3	Nuclear physics
9	PN-II-ID-PCE-2012-4-0023	Munteanu	Ligia	Institute of Solid Mechanics of Romanian Academy	Compozite sonice local rezonante cu aplicatii in mecanica	Locally Resonant Sonic Composites with Applications to Mechanics	Stiinte ingineresti	PE8_9	Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...)
10	PN-II-ID-PCE-2012-4-0024	Chiroiu	Veturia	Institute of Solid Mechanics of Romanian Academy	Evaluarea teoretica si experimentală a teoriei acoperirii acustice	Theoretical and experimental evaluation of the acoustic cloaking theory	Stiinte ingineresti	PE8_9	Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...)
11	PN-II-ID-PCE-2012-4-0025	JANTSCHI	Lorentz	Universitatea de Stiinte Agricole si Medicina Veterinara Cluj-Napoca	Distributia de esantionare: noi dezvoltari si aplicatii	Sampling distribution: new developments and applications	Stiintele vietii aplicate si Biotehnologii	LS9_5	Agriculture related to crop production, soil biology and cultivation, applied plant biology
12	PN-II-ID-PCE-2012-4-0026	Sandu	Ion	National Institute for Research and Development for Lasers, Plasma, and Radiation Physic	Filme pe baza polimer/nanoparticule pentru detectia gazelor toxice	Polymer/nanoparticle based films for toxic gas detection	Stiinta materialelor	PE5_9	Materials for sensors

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13	PN-II-ID-PCE-2012-4-0027	Luchian	Tudor	Alexandru Ioan Cuza University	Alternative moleculare exogene de modulare a activitatii oligomerilor amiloidici in membrane lipidice	Exogenous regulatory pathways of membrane-active amyloid oligomers dynamic manifestations	Biologie si Ecologie	LS1_6	Biophysics
14	PN-II-ID-PCE-2012-4-0028	Burzo	Emil	BABES-BOLYAI UNIVERSITY	Jonctiuni magnetice tunel pe baza de halogenuri alcaline si de argint	Alkali and silver halides based magnetic tunnel junctions	Fizica	PE3_12	Nanophysics: nanoelectronics, nanophotonics, nanomagnetism
15	PN-II-ID-PCE-2012-4-0029	Popescu	Theodor Dan	National Institute for Research and Development in Informatics	Imbunatatirea performantelor Analizei Componentelor Independente cu aplicatii in Separarea Oarba a Surselor	Performance Improvement of Independent Component Analysis with Application in Blind Source Separation	Stiinte ingineresti	PE7_3	Simulation engineering and modelling
16	PN-II-ID-PCE-2012-4-0030	Todica	Mihai	University Babes-Bolyai, Faculty of Physics	Membrane polimerice pentru pile electrice de combustibil	Polymeric membranes for electric fuel cells	Stiinta materialelor	PE5_1	Structural properties of materials
17	PN-II-ID-PCE-2012-4-0031	Ancau	Mircea	Technical University of Cluj-Napoca	Algoritm metaeuristic hibrid pentru optimizarea aranjamentului profilurilor poligonale in aplicatiile industriale de croire a materialelor	Metaheuristic hybrid algorithm for solving optimal strip packing of polygons in industrial application	Stiinte ingineresti	PE8_4	Computational engineering
18	PN-II-ID-PCE-2012-4-0032	Maria	Gheorghe	University Politehnica of Bucharest	Noi concepte de modelare structurata a circuitelor genetice de reglare cu aplicatii la proiectare celulara, optimizarea biosenzorilor si bioprocесelor	New concepts of structural modelling of genetic regulatory circuits with applications in cell design for biosensor and bioprocess optimization	Biologie si Ecologie	LS2_14	Biological systems analysis, modelling and simulation

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19	PN-II-ID-PCE-2012-4-0033	BUJOREANU	Leandru-Gheorghe	Gheorghe Asachi Technical University of Iasi	Noua metoda de imbunatatire a proprietatilor de memoria formei prin controlul migratiei atomice	Novel method for improving shape memory properties by atomic migration controlling	Stiinte ingineresti	PE8_9	Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...)
20	PN-II-ID-PCE-2012-4-0034	Miculescu	Radu	UNIVERSITATEA DIN BUCURESTI	Aspecte topologice ale atractoriilor sistemelor iterative de functii	Topological aspects of the attractors of iterated function systems	Matematica si Informatica	PE1_8	Analysis
21	PN-II-ID-PCE-2012-4-0035	ANDREI	Neculai	National Institute for Research and Development in Informatics	Dezvoltari teoretice si computationale asupra algoritmilor de gradient conjugat pentru optimizare fara restrictii de mari dimensiuni	Theoretical and computational developments on conjugate gradient algorithms for large-scale unconstrained optimization	Matematica si Informatica	PE1_17	Control theory and optimization
22	PN-II-ID-PCE-2012-4-0036	Lucian	Jiga	Victor Babes University of Medicine and Pharmacy	Inducerea tolerantei imune in transplantul de organ cu ajutorul celulei dendritice. Aborduri inovative in cadrul paradigmelor existente.	Dendritic cells as tools for induction of transplantation tolerance. New approaches inside established paradigms	Medicina	LS6_5	Immunological memory and tolerance
23	PN-II-ID-PCE-2012-4-0037	Pasa	Gelu	Institute of Mathematics Simion Stoilow of the Romanian Academy	Modelare matematica, optimizare si stabilitatea interfetelor in recuperarea petrolului, in curgerea in straturi subtiri si in pile de combustie PEM.	Mathematical modelling, optimization and stability of interfaces in oil recovery, thin films and P.E.M. fuel cells problems.	Matematica si Informatica	PE1_18	Application of mathematics in sciences
24	PN-II-ID-PCE-2012-4-0038	MANDACHE	EUGEN	"Carol Davila" Clinical Hospital for Nephrology	AGREGATELE LIMFOIDE TERTIARE RENALE IN TRANSPLANTUL RENAL SI GLOMERULONEFRITILE CRONICE	THE RENAL TERTIARY LYMPHOID ORGANS IN KIDNEY ALLOGRAFTS AND CHRONIC GLOMERULONEPHRITIS	Medicina	LS6_12	Biological basis of immunity related disorders

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25	PN-II-ID-PCE-2012-4-0039	Moca	Pascu Catalin	University of Oradea	Dinamica de neechilibru, pompaj and corelatii in sistem mesoscopice controlabile	Non-equilibrium dynamics, pumping and correlations in tunable mesoscopic systems	Fizica	PE3_4	Transport properties of condensed matter
26	PN-II-ID-PCE-2012-4-0040	Moise	Adela Ramona	University of Agriculture Science and Veterinary Medicine Cluj-Napoca	Metode biotehnologice pentru determinarea proprietăților nutraceutice ale mierii din Romania	Biotechnological methods for nutraceutical properties determination of Romanian honeys	Stiintele vietii aplicate si Biotehnologii	LS9_6	Food sciences
27	PN-II-ID-PCE-2012-4-0041	Postolache	Mihai	University Politehnica of Bucharest	Analiza variationala si probleme de punct fix. Studiu calitativ si aplicatii	Variational Analysis and Fixed Point Problems. A Qualitative Study with Applications	Matematica si Informatica	PE1_9	Operator algebras and functional analysis
28	PN-II-ID-PCE-2012-4-0042	vaida	marioara	Geological Institute of Romania	Evolutia paleogeografica paleozoica a terenurilor Platformei Moldovenesti si a celor din vestul Platformei Moesice, Romania.	English Palaeozoic palaeogeographic evolution of terranes concealed in the Moldavian and western Moesian Platform, Romania.	Stiintele pamantului	PE10_5	Geology, tectonics, volcanology,
29	PN-II-ID-PCE-2012-4-0043	Moldovan	Oana	"Emil Racovitza" Institute of Speleology, Cluj Department, Romanian Academy - Cluj Branch	Procese de transfer energetic in medii subterane - abordare pentru o mai buna intelegere a impacturilor umane si a schimbarilor climatice	Processes of energy transfer in subterranean environments - approach for a better understanding of human and climate changes impacts	Biologie si Ecologie	LS8_2	Population biology, population dynamics, population genetics, plant-animal interactions
30	PN-II-ID-PCE-2012-4-0044	DUMITRU	POPA	Universitatea Ovidius din Constanta	Operatori multiliniari absolut sumabili	Absolutely summing multilinear operators	Matematica si Informatica	PE1_9	Operator algebras and functional analysis

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31	PN-II-ID-PCE-2012-4-0045	MURESAN	HORIA	Spitalul Universitar de Urgenta Bucuresti	ONTOGENEZA ATRIALA - SUBSTRAT AL ELECCTROFIZIOLOGIEI NORMALE SI PATOLOGICE, LA OM	ATRIAL DEVELOPMENT IN THE HUMAN HEART AS SUBSTRATUM OF NORMAL AND DISTURBED ELECTIRCAL ACTIVITY	Biologie si Ecologie	LS4_7	Cardiovascular diseases
32	PN-II-ID-PCE-2012-4-0046	FLORICAU	Dan	University POLITEHNICA of Bucharest	Noi convertoare multinivel pentru un viitor durabil al energiei electrice	New multilevel converters for a sustainable future of electrical energy	Stiinte ingineresti	PE7_2	Electrical and electronic engineering: semiconductors, components, systems
33	PN-II-ID-PCE-2012-4-0047	calugareanu	grigore	Babes-Bolyai University	Cercetari de algebra privitoare la latici, module si hipergrupuri	Algebra Research in Lattices, Modules and Hypergroups	Matematica si Informatica	PE1_2	Algebra
34	PN-II-ID-PCE-2012-4-0048	Pop	Ioan	Universitatea Babes-Bolyai	Metode numerice si analitice in fluide vascoase si medii poroase saturate cu nanofluide	Numerical and analytical methods in viscous fluids and porous media filled by nanofluids	Matematica si Informatica	PE1_18	Application of mathematics in sciences
35	PN-II-ID-PCE-2012-4-0049	Nicolescu	Luminita	Academy of Economic Studies Bucharest	Efectul Tarii de Origine asupra evaluarii serviciilor si produselor educationale din invatamantul superior. Cazul Romaniei	The Effects of the Country of Origin on the Evaluation of Higher Education Services and Products. The Case of Romania	Stiinte sociale si economice	SH1_6	Consumer choice, behavioral economics, marketing
36	PN-II-ID-PCE-2012-4-0050	Sima	Marian	National Institute of Materials Physics	Material nanocompozit organic/anorganic pentru dispozitive termoelectrice	Organic/inorganic nanocomposite material for thermoelectric devices	Stiinta materialelor	PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors

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37	PN-II-ID-PCE-2012-4-0051	RUSU	Eugen Victor Cristian	Universitatea Dunarea de Jos din Galati	REMARC – energia REfolosibila in mediul MARin si impactul extragerii ei in zonele Costiere romanesti	REMARC - Renewable Energy in MARine environment and the impact of its extraction in the Romanian Coastal zones	Stiinte ingineresti	PE8_6	Energy systems (production, distribution, application)
38	PN-II-ID-PCE-2012-4-0052	Bot	Radu Ioan	Babes-Bolyai University Cluj Napoca	Fundamente teoretice si implementari algoritmice pentru probleme de optimizare convexa din diferite domenii ale matematicii aplicate	Theoretical foundations and algorithmic implementations for convex optimization problems arising in different areas of applied mathematics	Matematica si Informatica	PE1_17	Control theory and optimization
39	PN-II-ID-PCE-2012-4-0053	Baicus	Cristian	Spitalul Clinic Colentina	COMBINAREA DIAGNOSTICULUI ASISTAT DE CALCULATOR, A CROMOENDOSCOPIEI SI A BIOMARKERILOR PENTRU CRESTEREA RANDAMENTULUI DETECTIEI NEOPLAZIEI COLORECTALE	INTEGRATING COMPUTER AIDED DIAGNOSIS, CHROMOENDOSCOPY AND BIOMARKER PANELS TO INCREASE DETECTION YIELD OF COLORECTAL NEOPLASIA	Medicina	LS7_2	Diagnostic tools (e.g. genetic, imaging)
40	PN-II-ID-PCE-2012-4-0054	Luca	Cristian	Dunarea de Jos University	Comertul international prin porturile de la Dunarea maritima si de pe litoralul nord-vest pontic in secolul al XVIII-lea	International trade on the maritime Danube and the North-Western Black Sea ports during the 18th century	Stiinte umaniste	SH6_10	Social, economic, cultural and political history
41	PN-II-ID-PCE-2012-4-0055	Filip	Ilie	Polytechnic University of Bucharest	CERCETAREA STRATURILOR NANOMETRICE PERFORMANTE TRIBOLOGIC OBTINUTE PE CALE MECANICO-FIZICO-CHIMICA IN CUPLELE DE FRECARA ALE SISTEMELOR FIZICO-MECANIC	RESEARCH AT NANOSCALE OF LAYERS PERFORMANCE TRIBOLOGY OBTAINED ROUTE MECHANICO-PHYSICO-CHEMICAL IN FRICTION COUPLES OF PHYSICO-MECHANICAL SYSTEMS	Stiinta materialelor	PE5_4	Thin films
42	PN-II-ID-PCE-2012-4-0056	Zamfir	Medana	Institute of Biology Bucharest	Modificari la nivel celular si molecular induse in conditii de stres la unele bacterii lactice cu aplicatii bionanotehnologice	Cellular and molecular changes induced by various stress conditions in some lactic acid bacteria with bionanotechnological impact	Stiintele vietii aplicate si Biotehnologii	LS9_6	Food sciences

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43	PN-II-ID-PCE-2012-4-0057	Gabriela	Carja	Gheorghe Asachi Technical University of Iasi	Auto-Asamblari Nanoparticule de Oxizi Metalici-Hidoxizi Dubli Lamelari ca Noi Formulari in Aplicatii Fotocatalitice	Self-Assemblies of Nanoparticles of Metal Oxides-Layered Double Hydroxides as Novel Formulations for Photocatalytic Applications	Stiinta materialelor	PE5_12	Intelligent materials - self assembled materials
44	PN-II-ID-PCE-2012-4-0058	Apetrei	Irina Mirela	DUNAREA DE JOS UNIVERSITY OF GALATI	SISTEM EXPERT CU APLICATII IN INDUSTRIA FARMACEUTICA	EXPERT SYSTEM WITH APPLICATIONS IN PHARMACEUTICAL ANALYSIS	Stiintele vietii aplicate si Biotehnologii	LS9_1	Genetic engineering, transgenic organisms, recombinant proteins, biosensors
45	PN-II-ID-PCE-2012-4-0059	VLADOIU	RODICA	Ovidius University	Sinteza si controlul grauntelor cristaline nanometrice intr-o matrice de carbon obtinute printr-un nou concept al metodei Thermionic Vacuum Arc: LTVA	Growth and control of the nanometer sized crystalline grains embedded in carbon based matrix by a novel concept of Thermionic Vacuum Arc method: LTVA	Stiinta materialelor	PE5_4	Thin films
46	PN-II-ID-PCE-2012-4-0060	Anghelinu	Mircea	Universitatea Valahia din Targoviste	DUPA MARELE FRIG: FORMULE DE ADAPTARE A VANATORILOR-CULEGATORILOR DIN GLACIARUL TARZIU SI HOLOCENUL TIMPURIU IN ZONA CARPATICA A ROMANIEI	AFTER THE BIG COLD: LATE GLACIAL AND EARLY HOLOCENE HUNTER-GATHERERS ADAPTATIONS IN THE ROMANIAN CARPATHIAN AREA	Stiinte umaniste	SH6_2	Prehistory and protohistory
47	PN-II-ID-PCE-2012-4-0061	Ciobanu	Marcel	National Institute of Research and Development for Biological Sciences, branch Institute of Biological Research, Cluj-Napoca	Taxonomia, ecologia, geneza si conservarea elementelor rare si endemice din pedofauna carpatina	Taxonomy, ecology, genesis and conservation of rare and endemic elements of soil fauna in the Carpathians	Biologie si Ecologie	LS8_5	Conservation biology, ecology, genetics
48	PN-II-ID-PCE-2012-4-0063	Alexandru	Popa	Institute of Chemistry Timisoara of Romanian Academy	Materiale nanostructurate noi din saruri de Cs si Ag ale heteropoliacizilor Keggin incorporate in silice si bioxid de titan cu aplicatii in cataliza	New nanostructured materials based on Cs and Ag salts of Keggin type heteropolyacids incorporated on silica and titania with application in catalysis	Chimie	PE4_12	Catalysis

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49	PN-II-ID-PCE-2012-4-0065	Tanasescu	Radu	Carol Davila University of Medicine and Pharmacy Bucharest	Mecanismele non-imune in miozite: impact asupra clasificarii si tinte pentru tratament	Non-immune markers as new tools for diagnosis and targets for therapy in myositis	Medicina	LS7_2	Diagnostic tools (e.g. genetic, imaging)
50	PN-II-ID-PCE-2012-4-0066	Sandor	Zsolt	Fundatia Sapiientia Universitatea Sapiientia	Analiza cerintei consumatorului: estimare bazata pe verosimilitate si aplicatii	Analysis of Consumer Demand: Likelihood-Based Estimation and Applications	Stiinte sociale si economice	SH1_3	Econometrics, statistical methods
51	PN-II-ID-PCE-2012-4-0067	Marcu	Loredana	University of Oradea	Modelarea in silico a proceselor biologice din tumorile hipoxice in vederea individualizarii protocolului de tratament	In silico modelling of biological processes in hypoxic tumours towards an individualized treatment protocol	Biologie si Ecologie	LS2_14	Biological systems analysis, modelling and simulation
52	PN-II-ID-PCE-2012-4-0068	Chirita	Stan	UNIVERSITATEA ALEXANDRU IOAN CUZA IASI	MODELE TERMOMECHANICE SI PROBLEME ASOCIATE	THERMOMECHANICAL MODELS AND RELATED PROBLEMS	Fizica	PE1_12	Mathematical physics
53	PN-II-ID-PCE-2012-4-0069	Constantin	Florin	"Horia Hulubei" National Institute of Physics and Nuclear Engineering	Studiul polimerilor, membrane si filme subtiri, prin spectroscopia de anihilare a pozitronilor	Positron Annihilation Spectroscopy Studies of Polymers - Membranes and Thin Films	Fizica	PE2_7	Atomic, molecular physics
54	PN-II-ID-PCE-2012-4-0070	Ciucanu	Ionel	West University of Timisoara	Microextractia cu faza lichida bazat pe o mini-trapa ca support pentru faza de extractie	Liquid phase micro-extraction based on a micro-trap as support for the extracting phase	Chimie	PE4_11	Method development in chemistry

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55	PN-II-ID-PCE-2012-4-0071	Vilmos	Keszeg	UBB Cluj Napoca	Expansiunea cadrului vieții cotidiene în secolul 20. Documente ale vieții cotidiene. Surse și interpretări	The Expansion of Everyday Life in the 20th Century. Documents of Everyday Life. Sources and Interpretations	Stiinte umaniste	SH2_5	Ethnography
56	PN-II-ID-PCE-2012-4-0072	FENDRIHAN	SERGIU	National Defense University CAROL I - UNAp	INVATARE IN DOMENIUL BIOSECURITATII - L4BS	LEARNING FOR BIOLOGICAL SECURITY - L4BS	Stiintele vietii aplicate si Biotehnologii	LS9_11	Biohazards, biological containment, biosafety, biosecurity
57	PN-II-ID-PCE-2012-4-0073	Mustata	Fanica	Petru Poni Institute of Macromolecular Chemistry Iasi	Polimeri multifunctionali si materiale compozite pe baza de monomeri naturali si sintetici. Sinteza, caracterizare si comportare termica.	Multifunctional polymers and composite materials based on natural and synthetic monomers. Synthesis, characterization and thermal behaviour.	Chimie	PE5_20	Macromolecular chemistry
58	PN-II-ID-PCE-2012-4-0074	Bica	Alexandru Mihai	University of Oradea	Interpolare optima si aproximari iterate aplicate in aerodinamica, procesarea imaginilor si la aproximarea fuzzy si a ecuatiilor cu intarziere	Optimal interpolation and iterated approximation algorithms applied to aerodynamics, image processing, and to fuzzy approximation and delay equations	Stiinte ingineresti	PE8_4	Computational engineering
59	PN-II-ID-PCE-2012-4-0075	Neagoe	Ciprian	Institute of Cellular Biology and Pathology "Nicolae Simionescu"	Modularea de la nivel molecular a permeabilitatii jonctiunilor stranse ale endoteliului	Gaining molecular control on the junctional permeability in endothelia	Biologie si Ecologie	LS4_7	Cardiovascular diseases
60	PN-II-ID-PCE-2012-4-0076	Ulmeanu	Magdalena	National Institute for Laser, Plasma and Radiation Physics	Mecanisme chimice si termice in procesarea siliciului prin ablatie cu laserul cu durata de puls ultrascorta.	Photochemical and photothermal mechanisms in silicon laser ablation using the ultrashort laser pulses.	Chimie	PE4_1	Physical chemistry

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61	PN-II-ID-PCE-2012-4-0077	Chiriac	Aurica	Petru Poni Macromolecular Chemistry Institute	Structuri antioxidante incorporate in nanoparticule hibride: Strategii de proiectare si evaluare biologica	Hybrid nanoparticles incorporating antioxidant structures: Design strategies and biological evaluation	Stiinte ingineresti	PE8_9	Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...)
62	PN-II-ID-PCE-2012-4-0078	Jora	Catalina	National Institute of Physics and Nuclear Engineering Horia Hulubei	Subiecte in teoria campurilor non-abeliene	Topics in non-abelian gauge theories	Fizica	PE2_1	Fundamental interactions and fields
63	PN-II-ID-PCE-2012-4-0079	Vintila-Ghitulescu	Constanta	„Nicolae Iorga” Institute of History	Sexualitate și discurs politico-religios în societatea românească premodernă	Sexuality and Political-religious discourse in Romanian Pre-Modern Society	Stiinte umaniste	SH6_10	Social, economic, cultural and political history
64	PN-II-ID-PCE-2012-4-0080	Vizireanu	Dragos Nicolae	University Politehnica of Bucharest	Contributii la optimizarea si dezvoltarea algoritmilor de autentificare fara watermarking a continutului multimedia pentru aplicatii criminalistice	Contributions to the optimization and development of non-watermarking multimedia content authentication algorithms for forensics applications	Stiinte ingineresti	PE7_7	Signal processing
65	PN-II-ID-PCE-2012-4-0081	Leabu	Mircea	Institutul National de Cercetare-Dezvoltare in Domeniul Patologiei si Stiintelor Biomedicale "Victor Babes"	Raspunsul celulelor epidermale indus de radiatiile UVA. Implicatii asupra vindecarii ranilor, displaziei si riscurilor acesteia	Epidermal cell response elicited by UVA radiations. Inferences about wound healing, dysplasia and its risk	Medicina	LS7_11	Environment and health risks including radiation
66	PN-II-ID-PCE-2012-4-0082	Teodorescu	Mircea	Universitatea Politehnica din Bucuresti	Hidrogeluri compozite termosensibile injectabile pe baza de tribloc copolimeri degradabili poli(N-izopropilacrilamida)-polietilenglicol	Injectable thermosensitive composite hydrogels based on degradable poly(N-isopropylacrylamide) – poly(ethylene glycol) triblock copolymers	Stiinta materialelor	PE5_11	Biomaterials synthesis

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67	PN-II-ID-PCE-2012-4-0083	Barabas	Reka	Babes-Bolyai University	Noi aplicatii ale tehnologiei de pulverizare in flacara in fabricarea depunerilor de nano-apatite si caracterizarea chimica/biologica a acestora	Novel applications of flame spraying technology in the fabrication of nano-apatites coatings and their chemical/biological characterization	Stiinte ingineresti	PE8_9	Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...)
68	PN-II-ID-PCE-2012-4-0084	Chirita Mihaila	Ion Marius	INSTITUTUL NATIONAL DE CERCETARE-DEZVOLTARE PENTRU ELECTROCHIMIE SI MATERIE CONDENSATA	Sinteza de oxid fero-feric (magnetita-Fe3O4)micrometrica cu structura monocristalina si comportament superparamagnetic	Synthesis of Micrometric Single Crystalline Iron Oxide Particles Sistems (magnetite-Fe3O4) with Superparamagnetic Behavior	Stiinta materialelor	PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors
69	PN-II-ID-PCE-2012-4-0085	Rasa	Ioan	Universitatea Tehnica din Cluj-Napoca	Operatori pozitivi, semigrupuri Markov si aplicatii la unele ecuatii asociate	Positive operators, Markov semigroups and applications to certain associated equations	Matematica si Informatica	PE1_8	Analysis
70	PN-II-ID-PCE-2012-4-0086	Ittu	Gudrun-Liane	Institutul de Cercetari Socio-Umane Sibiu al Academiei Romane	Discurs etnic, naționalist și internaționalist în artele vizuale ale germanilor și românilor din Transilvania (1867-1989)	Ethnic, Nationalist and Internationalist Discourses in the Visual Arts of the Germans and Romanians in Transylvania (1867-1989)	Stiinte umaniste	SH5_5	Visual arts
71	PN-II-ID-PCE-2012-4-0087	Nicu	Bizon	UNIVERSITY OF PITESTI	Arhitectura de sursa hibrida de putere cu facilitate de extragere maxima a energiei din surse si unitate de management energetic cu urmarirea sarcinii	Hybrid Power Source architecture with capability of energy harvesting control from multiple-sources and energy management unit of load following type	Stiinte ingineresti	PE8_6	Energy systems (production, distribution, application)
72	PN-II-ID-PCE-2012-4-0088	Negulescu	Elena	Geological Institute of Romania	Termocronologia Sm-Nd a monocristalelor de granat, abordare nouă a unei probleme vechi: metamorfism și exhumare în soclul Carpaților Meridionali	Sm-Nd thermochronology of garnet single crystals - a new approach to an old problem: the South Carpathian basement metamorphic and exhumation history	Stiintele pamantului	PE10_11	Geochemistry, crystal chemistry, isotope geochemistry, thermodynamics,

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73	PN-II-ID-PCE-2012-4-0089	Rusu	Liliana Celia	Universitatea Dunarea de Jos din Galati	Implementarea de metode de asimilare de date pentru a imbunatati predictia valurilor in zonele costiere Romanesti ale Marii Negre - DAMWAVE	Data Assimilation Methods for improving the WAVE predictions in the Romanian nearshore of the Black Sea – DAMWAVE	Stiintele pamantului	PE10_8	Oceanography (physical, chemical, biological)
74	PN-II-ID-PCE-2012-4-0090	Damert	Annette	Babes-Bolyai-University, Cluj-Napoca	Determinanti structurali ai mobilizarii retrotranspozoniilor compusi VNTR si interactiunea lor cu factorii celulei gazde	Structural determinants for mobilization of and host factor interaction with VNTR-composite retrotransposons	Biologie si Ecologie	LS3_2	Cell biology and molecular transport mechanisms
75	PN-II-ID-PCE-2012-4-0091	Pavel	Eugen	"Politehnica" University of Bucharest	Litografiere optica cu rezolutie la nivel atomic	Optical lithography with atomic resolution	Stiinta materialelor	PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors
76	PN-II-ID-PCE-2012-4-0092	Ștefănescu	Barbu	University of Oradea	Lumea rurală sub presiunea modernizării: schimbare și rezistență la schimbare în sistemul de valori țărănesc din Partium (sec. XVIII-XIX)	The Rural World under the Pressure of Modernisation: Change and Resistance to Change in the System of Peasant Values of Partium (18th-19th Centuries)	Stiinte umaniste	SH6_10	Social, economic, cultural and political history
77	PN-II-ID-PCE-2012-4-0093	Fotea	Violeta	Universitatea "Alexandru Ioan Cuza" din Iași	Structuri algebrice generalizate. Aplicatii	Generalized algebraic structures. Applications	Matematica si Informatica	PE1_1	Logic and foundations
78	PN-II-ID-PCE-2012-4-0094	Podoleanu	Cristian	University of Medicine and Pharmacy Targu Mures	Studiu experimental a impactului clinic al monitorizarii continue de lunga durata a ECG asupra terapiei specifice a sincopiei de etiologie neprecizata	Experimental research on the clinical impact of long-term continuous monitoring of the ECG on the specific therapy in syncope of unknown etiology	Medicina	LS7_2	Diagnostic tools (e.g. genetic, imaging)

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79	PN-II-ID-PCE-2012-4-0095	Carabineanu	Adrian	Ovidius University of Constanta	Modele matematice ale comportamentului materialelor compozite elastice pretensionate cu fisuri.	Mathematical models of behaviour of the pre-stressed elastic composites with cracks.	Matematica si Informatica	PE1_18	Application of mathematics in sciences
80	PN-II-ID-PCE-2012-4-0097	Chiper	Doru Florin	Technical University Gh.Asachi Iasi	O noua abordare a proiectarii algoritmilor si arhitecturilor VLSI pentru blocuri cheie multimedia	A New Design Approach for VLSI Algorithms and Architectures for Key Multimedia Blocks	Stiinte ingineresti	PE7_7	Signal processing
81	PN-II-ID-PCE-2012-4-0098	Venczel	Márton	Babeş-Bolyai University	Reconstrucția ecosistemelor terestre miocene medii din bordura vestică a Munților Apuseni - abordări bazate pe asociații de vertebrate	Reconstructing the Middle Miocene terrestrial ecosystems from the western border of Apuseni Mountains - approaches focused on vertebrate assemblages	Stiintele pamantului	PE10_6	Paleoclimatology, paleoecology
82	PN-II-ID-PCE-2012-4-0099	Iovu	Horia	Universitatea Politehnica Bucuresti	Noi nanocompozite pe baza de oxid de grafena functionalizat cu benzoxazine	New nanocomposites based on benzoxazine-functionalized graphene oxide	Stiinta materialelor	PE5_10	Nanomaterials : nanoparticles, nanotubes
83	PN-II-ID-PCE-2012-4-0100	Marcus	Andrei	Universitatea Babes-Bolyai	Metode categoriale si combinatoriale in teoria reprezentarilor	Categorical and combinatorial methods in representation theory	Matematica si Informatica	PE1_2	Algebra
84	PN-II-ID-PCE-2012-4-0101	Lelea	Dorin	University Politehnica of Timisoara	Cercetarea fundamentala asupra amestecarii pasive a nanofluidelor in microcanale	The fundamental research on passive mixing of nanofluids in microchannels	Stiinte ingineresti	PE8_5	Fluid mechanics, hydraulic-, turbo-, and piston engines

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85	PN-II-ID-PCE-2012-4-0102	Salavastru	Constantin	Universitatea "Alexandru Ioan Cuza" din Iasi	Dezbaterile publice si dezvoltarea democratiei participative	The Public Debates and the Development of the Participatory Democracy	Stiinte umaniste	SH4_10	Philosophy, history of philosophy
86	PN-II-ID-PCE-2012-4-0103	RIPOSAN	Iulian	UNIVERSITATEA POLITEHNICA BUCURESTI	Controlul germinarii grafitului in fontele de inalta performanta turnate in piese, indeosebi cu pereti subtiri, tipice pentru industria auto	Graphite nucleation control in high performance cast irons, particularly in thin wall castings production, typically for automotive industry	Stiinta materialelor	PE5_1	Structural properties of materials
87	PN-II-ID-PCE-2012-4-0104	Utu	Ion-Dragos	"Politehnica" University of Timisoara	Imbunatatirea rezistentei la uzare a titanului prin retopirea cu fascicul de electroni a straturilor depuse prin pulverizare termica	Improvement of the titanium wear resistance by electron beam remelting of the pre-deposited thermal sprayed coatings	Stiinte ingineresti	PE8_9	Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...)
88	PN-II-ID-PCE-2012-4-0105	Dabu	Razvan	National Institute for Laser, Plasma, and Radiation Physics	Marirea contrastului de intensitate in sistemele laser in femtosecunde de mare putere	Contrast intensity enhancement of high-power femtosecond laser systems	Fizica	PE2_9	Lasers and laser physics
89	PN-II-ID-PCE-2012-4-0106	Grigore	Radu-Dan	"Horia Hulubei" National Institute for Physics and Nuclear Engineering	METODE ALGEBRICE SI COMBINATORICE APLICATE IN MECANICA CUANTICA SI TEORIA CAMPULUI	Algebraic and combinatorial methods applied in quantum mechanics and field theory	Fizica	PE1_12	Mathematical physics
90	PN-II-ID-PCE-2012-4-0107	Craciun	Alexandra M	IULIU HATIEGANU UNIVERSITY OF MEDICINE AND PHARMACY CLUJ-NAPOCA	Gla proteine - promovarea unui nou concept in diagnosticul calcificarilor din boli cardiovasculare si oncologice.	Introducing Gla proteins as a new diagnostic concept for cardiovascular and tumoral calcifications.	Medicina	LS7_9	Health services, health care research

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91	PN-II-ID-PCE-2012-4-0108	Vamos	Calin	Academia Romana Filiala Cluj-Napoca	Invarianta de scala a fenomenelor superstatistice cu aplicatii in evolutia pietelor financiare	Scale invariance of the superstatistical phenomena with applications in financial markets evolution	Fizica	PE3_17	Statistical physics (condensed matter)
92	PN-II-ID-PCE-2012-4-0109	ANTOHE	Felicia	Institute of Cellular Biology and Pathology N. Simionescu	Analiza proteomica diferentiala a membranei plasmatice din celule vasculare in ateroscleroza si diabet	Differential proteomic analysis of vascular cells plasma membrane in atherosclerosis and diabetes	Biologie si Ecologie	LS2_3	Proteomics
93	PN-II-ID-PCE-2012-4-0110	Amarande	Luminita	National Institute of Materials Physics	Studiul proprietatilor multiferroice ale nanopulberilor de titanat de plumb dopat	Investigation of multiferroic properties of doped lead titanate nanopowders	Stiinta materialelor	PE5_10	Nanomaterials : nanoparticles, nanotubes
94	PN-II-ID-PCE-2012-4-0111	Meghea	Aurelia	University POLITEHNICA of Bucharest	NANOTRANSPORTORI LIPIDICI BIOACTIVI PENTRU CO-INCAPSULAREA EXTRACTELOR VEGETALE SELECTIVE CU PERFORMANTA FARMACO-COSMETICA AMPLIFICATA	BIO-ACTIVE LIPID NANOCARRIERS FOR CO-ENCAPSULATION OF SELECTIVE VEGETAL EXTRACTS WITH ENHANCED PHARMACO-COSMETIC PERFORMANCE	Stiinta materialelor	PE5_10	Nanomaterials : nanoparticles, nanotubes
95	PN-II-ID-PCE-2012-4-0112	Ghimici	Luminita	"Petru Poni" Institute of Macromolecular Chemistry	Polimeri ionici pe baza de polizaharide: corelatie intre structura, proprietati fizico-chimice si interactiuni cu particule cu sarcina opusa	IONIC POLYMERS BASED ON POLYSACCHARIDES: CORRELATIONS BETWEEN STRUCTURE, PHYSICO-CHEMICAL PROPERTIES AND INTERACTION WITH OPPOSITELY CHARGED PARTICLES	Chimie	PE5_21	Polymer chemistry
96	PN-II-ID-PCE-2012-4-0113	Nica	Petru-Edward	The Gheorghe Asachi Technical University of Iasi	Emisia controlata a plasmei produse cu ajutorul laserului folosind pulsuri duale nanosecunda	Controlled laser produced plasma emission using dual nanosecond pulses	Fizica	PE2_5	Gas and plasma physics

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97	PN-II-ID-PCE-2012-4-0114	Birsa	Mihail Lucian	Alexandru Ioan Cuza University of Iasi	Derivati de [2.2]paraciclofan analogi endiinelor naturale	[2.2]Paracyclophane derivatives as natural enediynes analogs	Chimie	PE5_23	Organic chemistry
98	PN-II-ID-PCE-2012-4-0115	MUNTEAN	CRISTINA	National Institute for Research and Development of Isotopic and Molecular Technologies	MODIFICARI STRUCTURALE SI DINAMICA DE ORDINUL (SUB)PICOSECUNDELOR IN MOLECULE DE ADN INVESTIGATE PRIN TEHNICI SPECTROSCOPICE RAMAN ULTRASENZITIVE	STRUCTURAL CHANGES AND (SUB)PICOSECOND DYNAMICS IN DNA MOLECULES PROBED WITH ULTRASENSITIVE RAMAN SPECTROSCOPIC TECHNIQUES	Chimie	PE4_13	Physical chemistry of biological systems
99	PN-II-ID-PCE-2012-4-0116	Lazanu	Sorina	National Institute of Materials Physics	Transferul de energie in interactia ionilor si clusterilor moleculari cu solidele	Energy transfer in the interaction of ions and molecular clusters with solids	Fizica	PE2_7	Atomic, molecular physics
100	PN-II-ID-PCE-2012-4-0117	MACARIE	LAVINIA	INSTITUTUL DE CHIMIE TIMISOARA AL ACADEMIEI ROMANE	Materiale polimerice pe baza de acid vinilfosfonic cu posibile aplicatii ca schimbatori de ioni si polimer electroliti	Polymeric materials based on vinylphosphonic acid with possible uses as ion exchangers and polymer electrolytes	Chimie	PE5_21	Polymer chemistry
101	PN-II-ID-PCE-2012-4-0118	HUMELNICU	DOINA	Alexandru Ioan Cuza University of Iasi	Bioremedierea poluantilor reciclabili prin acumularea in fungi	Bioremediation of recyclable pollutants through fungal accumulation	Stiintele pamantului	PE10_17	Hydrology, water and soil pollution
102	PN-II-ID-PCE-2012-4-0119	ANGHEL	ANDREI	University of Medicine and Pharmacy Victor Babes Timisoara	Terapia genica in obezitate - model experimental murin	Obesity gene therapy - murine experimental model	Medicina	LS7_6	Gene therapy, stem cell therapy, regenerative medicine

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103	PN-II-ID-PCE-2012-4-0120	Radu	Adrian	Universitatea Politehnica Timisoara	Flambajul si post-flambajul placilor si membranelor anisotrope cu si fara delaminare	Buckling and post-buckling of anisotropic plates and shells with and without delamination	Stiinte ingineresti	PE8_1	Aerospace engineering
104	PN-II-ID-PCE-2012-4-0121	Tofan	Lavinia	"Gheorghe Asachi" Technical University of Iasi	TRATAREA SI VALORIFICAREA DESEURILOR PENTRU ELIMINAREA POLUANTILOR TOXICI SI CANCERIGENI DIN EFLUENTII LICHIZI (WAREV)	TREATMENT AND VALORISATION OF WASTE MATERIALS FOR THE REMOVAL OF TOXIC AND CARCINOGENIC POLLUTANTS FROM AQUEOUS EFFLUENTS (WAREV)	Stiinte ingineresti	PE8_3	Civil engineering, maritime/hydraulic engineering, geotechnics, waste treatment
105	PN-II-ID-PCE-2012-4-0122	Macocinschi	Doina	Petru Poni Institute of Macromolecular Chemistry	Implicarea biopoliuretanilor in metabolismul celular si realizarea efectului de compatibilitate celulara	Involvement of biopolyurethanes in cellular metabolism and realization of cell compatibility	Stiinta materialelor	PE5_11	Biomaterials synthesis
106	PN-II-ID-PCE-2012-4-0123	VLAD	STELIAN	Petru Poni Institute of Macromolecular Chemistry	INLOCUITOR DE PIELE PE BAZA DE POLIURETAN CA TRATAMENT PENTRU ARSURI	SKIN SUBSTITUTE BASED ON POLYURETHANE AS TREATMENT FOR BURN WOUNDS	Stiinta materialelor	PE5_11	Biomaterials synthesis
107	PN-II-ID-PCE-2012-4-0124	Georgescu	Adriana	Institute of Cellular Biology and Pathology 'Nicolae Simionescu'	Microparticulele ca strategii de transport intracelular pentru microRNAs si potentiale terapii pentru boala vasculara aterosclerotica	Microparticles as intracellular delivery strategies for microRNAs and potential therapies for atherosclerotic vascular disease	Medicina	LS7_2	Diagnostic tools (e.g. genetic, imaging)
108	PN-II-ID-PCE-2012-4-0125	Zaharia	Valentin	Iuliu Hațieganu University of Medicine and Pharmacy Cluj-Napoca	Sinteza chemoenzimatică stereoselectivă a unor noi sintoni tiazolici chirali cu aplicabilitate în domeniul medicamentului	Stereoselective chemoenzymatic synthesis of new chiral thiazole synthons for drug applications	Chimie	PE5_23	Organic chemistry

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109	PN-II-ID-PCE-2012-4-0126	Negret	Alexandru	Horia Hulubei National Institute for Physics and Nuclear Engineering	Masuratori de sectiuni inelastice neutronice de inalta rezolutie	High resolution neutron inelastic cross section measurements	Fizica	PE2_3	Nuclear physics
110	PN-II-ID-PCE-2012-4-0127	Logofatu	Petre	Institutul National de Cercetare-Dezvoltare pentru Fizica Laserilor, Plasmei si Radiatiei	Scaterometrie de sensibilitate optimizata prin folosirea unui nou tip de anomalie de retea de difractie	Sensitivity-optimized scatterometry by means of a new type of grating anomaly	Fizica	PE3_12	Nanophysics: nanoelectronics, nanophotonics, nanomagnetism
111	PN-II-ID-PCE-2012-4-0128	POPA	ADRIANA	Institute of Chemistry Timisora of Romanian Academy	Noi aplicatii a polimerilor functionalizati cu grupari de fosfor si azot ca agenti antimicrobieni, antifungici si regulatori de crestere a plantelor	New applications of polymers functionalized with phosphorus and nitrogen groups as antimicrobial, antifungal agents and plant growth regulators	Chimie	PE5_20	Macromolecular chemistry
112	PN-II-ID-PCE-2012-4-0129	Horga	Ioan	University of Oradea	Impactul Frontierelor Europene asupra Prioritatilor Politice ale EU si Preferintele nationale ale Romaniei	Impact of European Frontiers on the EU Political Priorities and National Preferences of Romania	Stiinte sociale si economice	SH2_8	Political systems, legitimacy of governance
113	PN-II-ID-PCE-2012-4-0130	Farcasanu	Ileana Cornelia	University of Bucharest	Manipularea moleculara a celulelor de Saccharomyces cerevisiae: de la bioremediere la biomimetica	Engineering yeast strains for metal-related applications: from bioremediation to biomimetics	Stiintele vietii aplicate si Biotehnologii	LS9_8	Environmental biotechnology, bioremediation, biodegradation
114	PN-II-ID-PCE-2012-4-0131	Bucataru	Ioan	Universitatea "Alexandru Ioan Cuza" din Iasi	Structuri geometrice si invariante pentru campuri de ecuatii diferentiale	Geometric structures and invariants for differential equations fields	Matematica si Informatica	PE1_5	Geometry

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115	PN-II-ID-PCE-2012-4-0132	Marinoschi	Gabriela	Gheorghe Mihoc-Caius Iacob Institute of Mathematical Statistics and Applied Mathematics	Metode variationale pentru tratarea modelelor bazate pe ecuatii cu derivate partiale neliniare	Variational methods for the treatment of nonlinear PDE based models	Matematica si Informatica	PE1_11	Partial differential equations
116	PN-II-ID-PCE-2012-4-0133	Slevin	Mark	Universitatea de Medicina si Farmacie Targu Mures Scoala Doctorala	Neuroprotectie si angiogeneza: noi factori moleculari si sisteme de administrare cu aplicare potential terapeutica	Neuroprotection and angiogenesis: new molecular factors and delivery systems with potential therapeutic application	Medicina	LS7_6	Gene therapy, stem cell therapy, regenerative medicine
117	PN-II-ID-PCE-2012-4-0134	Coldea	Marin	Babes-Bolyai University, Faculty of Physics	Momente magnetice locale in compusi intermetalici pe baza de elemente de tranzitie	Local magnetic moments in intermetallic compounds based on transition elements	Fizica	PE3_11	Magnetism
118	PN-II-ID-PCE-2012-4-0135	Fundueanu-Constantin	Gheorghe	"Petru Poni" Institute of Macromolecular Chemistry	Sisteme progresiste de eliberare a medicamentelor pe baza de materiale inteligente	Advanced drug delivery systems based on intelligent materials	Stiinta materialelor	PE5_11	Biomaterials synthesis
119	PN-II-ID-PCE-2012-4-0136	Peretz	Sandu	"Ilie Murgulescu" Institute of Physical Chemistry	Particule biopolimerice utilizate la adsorbtia derivatilor fenolici din apele poluate	Biopolymeric microparticles used in the adsorption of phenol derivatives from wastewaters	Chimie	PE5_13	Environment chemistry
120	PN-II-ID-PCE-2012-4-0137	Seghedi	Ioan	Institute of Geodynamics "Sabba S. Stefanescu" of Romanian Academy	Studii integrate asupra edificiilor vulcanice post-colizionale de vârstă Miocen-Cuaternară din Carpații Orientali; constrângeri geologice și geofizice	Integrated study of the post-collisional Miocene-Quaternary volcanic forms in the East Carpathians using geological and geophysical constraints InstEC	Stiintele pamantului	PE10_5	Geology, tectonics, volcanology,

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121	PN-II-ID-PCE-2012-4-0138	Cifre Gallego	Eva	Universitatea de Vest din Timisoara	Integrarea caracteristicilor personale si legate de munca in vederea imbunatatirii sanatatii ocupationale	Integrating personal and work characteristics to improve occupational health	Stiinte sociale si economice	SH4_3	Neuropsychology and cognitive psychology
122	PN-II-ID-PCE-2012-4-0139	Petrescu	Emil	Universitatea Politehnica din București	Investigarea unor materiale nano-compozite pe bază de cristale lichide	Investigation of nano-composite materials based on liquid crystals	Fizica	PE3_15	Soft condensed matter (liquid crystals...)
123	PN-II-ID-PCE-2012-4-0140	Bratfalean	Radu	National Institute for Research and Development of Isotopic and Molecular Technologies	Reflectorii optici, termic activi, cu galiu, cu contrast mare al raportului de extinctie	Gallium-based thermally-active optical reflectors with high contrast extinction ratio	Fizica	PE2_8	Optics and quantum optics
124	PN-II-ID-PCE-2012-4-0141	STOLNICU	SIMONA	UNIVERSITY OF MEDICINE AND PHARMACY TARGU MURES	CERCETARI EXPERIMENTALE ASUPRA IMPACTULUI CLINIC CU PRIVIRE LA PROFILUL MICROSCOPIC SI BIOLOGIC IN FOCARELE HETEROGENE DIN CARCINOMUL MAMAR MULTIPLU	EXPERIMENTAL RESEARCH ON CLINICAL IMPACT REGARDING HISTOTYPE AND BIOLOGICAL PROFILE OF SIMULTANEOUS HETEROGENEOUS FOCI IN MULTIPLE BREAST CARCINOMAS	Medicina	LS7_2	Diagnostic tools (e.g. genetic, imaging)
125	PN-II-ID-PCE-2012-4-0142	Sandu	Viorel Constantin	National Institute of Materials Physics	Pinningul magnetic in diborura de magneziu, calea alternativa de crestere a densitatii critice de curent	Magnetic Pinning in Magnesium Diboride, the Alternative Way for Increasing Critical Current Density	Stiinta materialelor	PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors
126	PN-II-ID-PCE-2012-4-0143	Borcia	Gabriela	Universitatea "Alexandru Ioan Cuza" din Iasi	Reticulare versus funcționalizare pentru stabilitatea suprafețelor polimere in mediu biologic	Crosslinking versus functionalization for the stability of polymer surfaces in biological environment	Stiinta materialelor	PE5_3	Surface modification

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127	PN-II-ID-PCE-2012-4-0144	Dragos	Dacian Cosmin	Babes Bolyai University	Mijloace alternative de rezolvare a disputelor administrative: o perspectiva comparata	ALTERNATIVE DISPUTE RESOLUTION IN ADMINISTRATIVE PROCEEDINGS: A COMPARATIVE PERSPECTIVE	Stiinte sociale si economice	SH2_9	Legal systems, constitutions, foundations of law
128	PN-II-ID-PCE-2012-4-0145	Teodor	Eugenia Dumitra	National Institute of Research and Development for Biological SCIences	Analiza interactiilor dintre biomateriale antitumorale de tip hydrogel si celule si determinarea unor biomarkeri	Interactions assessments between antitumour hydrogel-biomaterials and cells and biomarkers detection	Biologie si Ecologie	LS2_14	Biological systems analysis, modelling and simulation
129	PN-II-ID-PCE-2012-4-0146	Petcu	Eugen Bogdan	Universitatea de Medicina si Farmacie Targu-Mures Scoala Doctorala	Angiogeneza: noi factori si cai moleculare cu importanta clinica	Angiogenesis: new molecular factors and pathways with clinical importance	Biologie si Ecologie	LS4_1	Organ physiology
130	PN-II-ID-PCE-2012-4-0147	FEROIU	VIOREL	POLITEHNICA UNIVERSITY OF BUCHAREST (UNIVERSITATEA POLITEHNICA DIN BUCURESTI)	Studiu simultan al comportarii de faze critice si subcritice pentru amestecuri de dioxid de carbon si izomeri alcoolici	Simultaneous study of the critical and sub-critical phase behaviour in mixtures of carbon dioxide + alkanol isomers	Chimie	PE4_1	Physical chemistry
131	PN-II-ID-PCE-2012-4-0148	mocanu	aurora	Babes-Bolyai University of Cluj-Napoca	Dezvoltarea compozitelor de inalta performanta realizate din fosfati nanostructurati si polimeri. Acronim NANOHIP	The development of high performance composites made of nanostructured phosphates and polymers. Acronym NANOHIP	Stiinta materialelor	PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors
132	PN-II-ID-PCE-2012-4-0149	Antoniou	Sabina	Universitatea de Medicina si Farmacie Grigore T Popa Iasi	Autoimunitatea in bronhopneumopatia obstructiva cronică: biomarkeri și impact prognostic	Autoimmunity in chronic obstructive pulmonary disease: biomarkers, and prognostic impact	Biologie si Ecologie	LS4_8	Non-communicable diseases (except for neural/psychiatric, immunity-related, metabolism-related disorders, cancer and cardiovascular diseases)

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133	PN-II-ID-PCE-2012-4-0150	Danca	Marius-Florin	Institutul Roman de Stiinta si Tehnologie	ALTERNAREA PARAMETRULUI LA UNELE CLASE DE SISTEME DINAMICE SI GENERALIZARI ALE PARADOXULUI PARRONDO; PROPRIETATI SI APLICATII	PARAMETER SWITCHING FOR SOME CLASSES OF DYNAMICAL SYSTEMS AND GENERALIZATIONS OF THE PARRONDO'S PARADOX; PROPERTIES AND APPLICATIONS	Matematica si Informatica	PE1_18	Application of mathematics in sciences
134	PN-II-ID-PCE-2012-4-0151	Moldovan	Zaharie	National Institute for Research and Development of Isotopic and Molecular Technologies	Determinarea poluantilor specifici bazinelor hidrografice si a markerilor moleculari pentru identificarea surselor. Studiu de caz: bazinul Olt	Determination of river basin specific pollutants and molecular marker for sources identification. Case study: Olt Basin (Acronym: RIBOLT)	Stiintele pamantului	PE10_17	Hydrology, water and soil pollution
135	PN-II-ID-PCE-2012-4-0152	Sandu	Titus	National Institute for Research and Development in Microtechnologies-IMT	Procedura "online" pentru investigarea tumorilor utilizand nanostructuri de tip fondant ("core-shell")	"Online" procedure for tumours investigation by using core - shell nanostructures	Stiinta materialelor	PE5_10	Nanomaterials : nanoparticles, nanotubes
136	PN-II-ID-PCE-2012-4-0153	Fara	Laurentiu	University Politehnica of Bucharest	Celule Solare Hibride: Platforma de Simulare pentru Proiectare, Testare si Noi Materiale	Hybrid Solar Cells: Simulation Platform for Design, Testing and New Materials	Stiinte ingineresti	PE8_4	Computational engineering
137	PN-II-ID-PCE-2012-4-0154	Pantelica	Dan-Emanoil	Horia Hulubei National Institute of Physics and Nuclear Engineering, IFIN - HH	Spectroscopia starilor de spin inalt in nuclee cu numere de neutroni in vecinatatea intervalului de paturi N=38	Spectroscopy of high spin states in nuclei near the N=38 shell gap	Fizica	PE2_3	Nuclear physics
138	PN-II-ID-PCE-2012-4-0155	Marin	Catalin Nicolae	West University of Timisoara	Analiza in domeniul timp a parametrilor hemodinamici pentru studiul efectului activitatii fizice asupra rigiditatii arteriale	Time domain analysis of haemodynamic parameters in the study of physical activity effect on arterial stiffness	Medicina	LS7_1	Medical engineering and technology

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139	PN-II-ID-PCE-2012-4-0156	Brinzanescu	Vasile	Institute of Mathematics "Simion Stoilow" of the Romanian Academy	Invarianti analitici si topologici ai varietatilor complexe	Topological and analytical invariants of complex varieties	Matematica si Informatica	PE1_4	Algebraic and complex geometry
140	PN-II-ID-PCE-2012-4-0157	BUSE	CONSTANTIN	WEST UNIVERSITY OF TIMISOARA	Comportari asimptotice si controlabilitate pentru ecuatii de evolutie in spatii Banach	Asymptotic behavior and controllability for evolution equations in Banach spaces	Matematica si Informatica	PE1_10	ODE and dynamical systems
141	PN-II-ID-PCE-2012-4-0158	Eugen	Axinte	Gheorghe Asachi Technical University of Iasi	Cercetari privind dezvoltarea unor metode inovative pentru obtinerea unor structuri amorfe ale aluminiului ("sticle metalice")	Researches on the development of innovative methods for obtaining Aluminium-based amorphous structures(Al-based "Metallic Glasses")	Stiinte ingineresti	PE8_9	Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...)
142	PN-II-ID-PCE-2012-4-0159	Sima	Anca Volumnia	Institute of Cellular Biology and Pathology "Nicolae Simionescu"	Tintirea mecanismelor moleculare pentru reversia disfunctiei endoteliale indusa de lipide aterogene; rolul acizilor grasi si a metabolitilor oxidativi	Targeting molecular mechanisms to reverse endothelial dysfunction induced by atherogenic lipids; role of fatty acids and their oxidative metabolites	Biologie si Ecologie	LS1_1	Molecular biology and interactions
143	PN-II-ID-PCE-2012-4-0160	Rasche	Christoph	Universitatea Politehnica Bucuresti Laboratorul de Analiza si Prelucrarea Imaginilor	Recunoasterea formelor prin segmente abstracte cu aplicatii in recunoasterea obiectelor, imagistica medicala si recunoasterea gesturilor	Shape Recognition with Abstracted Segments and its Application in Object Recognition, Medical Imaging and Gesture Recognition	Matematica si Informatica	PE6_4	Graphics and image processing
144	PN-II-ID-PCE-2012-4-0161	Burlea Schiopoiu	Adriana	University of Craiova	Impactul responsabilitatii sociale ai al inovarii asupra crearii si difuzarii cunostintelor in organizatii	Impact of Social Responsibility and Innovation on Creation and Diffusion of Knowledge in Organisations	Stiinte sociale si economice	SH2_8	Political systems, legitimacy of governance

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145	PN-II-ID-PCE-2012-4-0162	Acatrinei	Ciprian Sorin	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU FIZICA SI INGINERIE NUCLEARA HORIA HULUBEI IFIN HH, BUCURESTI - MACURELE	O schema de discretizare noua in teoria clasica si cuantica a campului si aplicatiile ei pentru studii neperturbative	A new discretization scheme in classical and quantum field theory and its applications in nonperturbative studies	Fizica	PE2_1	Fundamental interactions and fields
146	PN-II-ID-PCE-2012-4-0163	Branzoi	Ioan Viorel	University Politehnica of Bucharest	Concept inovativ privind noi tipuri de baterii pe baza de Na-ion destinate posibilei inlocuirii a bateriilor de tip Li-ion	Innovative design for new types of batteries based on Na ion for the possible replacement of Li-ion batteries	Stiinte ingineresti	PE8_6	Energy systems (production, distribution, application)
147	PN-II-ID-PCE-2012-4-0164	Badica	Petre	National Institute of Materials Physics	MgB2 prin Sinterizare cu Descarcare in Plasma	Spark Plasma Sintering of MgB2	Stiinta materialelor	PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors
148	PN-II-ID-PCE-2012-4-0165	Teodorescu	Mariana	"Ilie Murgulescu" Institute of Physical Chemistry of the Romanian Academy	Studiul influentei anionilor si cationilor asupra proprietatilor termodinamice si termofizice ale unor lichide ionice bazate pe amino acizi	The study of the influence of anions and cations on thermodynamic and thermophysical properties of some amino acids based ionic liquids	Chimie	PE4_1	Physical chemistry
149	PN-II-ID-PCE-2012-4-0166	Tanase	Carmen	Institute of Biochemistry of the Romanian Academy	Mecanisme moleculare controlate de PTPN23 in sortarea proteinelor in traficul endosomal	Molecular mechanisms regulated by PTPN23 in protein sorting and endosomal trafficking	Biologie si Ecologie	LS3_2	Cell biology and molecular transport mechanisms
150	PN-II-ID-PCE-2012-4-0167	SPOREA	ioan	University of Medicine and Pharmacy "Victor Babes" Timisoara	ELASTOGRAFIA HEPATICĂ – O COMPARATIE A TENHICILOR EXISTENTE PORNIND DE LA CERCETAREA EXPLORATORIE LA PRACTICA MEDICALĂ	LIVER ELASTOGRAPHY – A COMPARISON BETWEEN AVAILABLE TECHNIQUES FROM EXPERIMENTAL RESEARCH TO MEDICAL PRACTICE	Medicina	LS7_2	Diagnostic tools (e.g. genetic, imaging)

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151	PN-II-ID-PCE-2012-4-0168	Birzu	Adrian	Alexandru Ioan Cuza University	Sisteme neliniare complexe de tip electrochimic și cu reacție-difuzie	Complex nonlinear electrochemical and reaction-diffusion systems	Chimie	PE4_9	Electrochemistry, electrodialysis, microfluidics
152	PN-II-ID-PCE-2012-4-0169	Cocianu	Catalina-Lucia	The Bucharest University of Economic Studies	Tehnici de instruire statistica pentru analiza si predictia seriilor de date financiare	Machine Learning for Financial Data Analysis and Forecasting (FIDAF-ML)	Stiinte sociale si economice	SH1_3	Econometrics, statistical methods
153	PN-II-ID-PCE-2012-4-0170	Kovacs	Andrei	Societatea Muzeului Ardelean	Cultură și societate urbană în Transilvania în perioada medievală târzie și premodernă (Alba Iulia și Cluj)	Urban culture and society in late-medieval and early-modern Transylvania. The case of Alba Iulia and Cluj.	Stiinte umaniste	SH6_4	Medieval history
154	PN-II-ID-PCE-2012-4-0171	Udriste	Constantin	University Politehnica of Bucharest	Control optimal multitemporal si solitoni	Multitime Optimal Control and Solitons	Matematica si Informatica	PE1_17	Control theory and optimization
155	PN-II-ID-PCE-2012-4-0172	Anghel	Sorin Dan	Babes-Bolyai University	Studii noi privind generarea, caracterizarea si aplicatiile descarcarii in gaze la presiune atmosferica in lichide si pe lichide	New studies on the generation, characterization and applications of atmospheric pressure gas discharges in liquids and on liquids	Fizica	PE2_5	Gas and plasma physics
156	PN-II-ID-PCE-2012-4-0173	Paliga	Sorin	Universitatea din București / University of Bucharest	Onomastica (toponime și antroponime) în sud-estul european: stratificare și moștenirea modernă. Cercetare etimologică, istorică și statistică.	Onomastics (place- and personal names) in southeast Europe: stratification and modern heritage. Etymological, Historical and Statistical Investigation	Stiinte umaniste	SH4_6	Typological, historical and comparative linguistics

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157	PN-II-ID-PCE-2012-4-0174	Frunza	Mihaela	Babes-Bolyai University	Institutionalizarea eticii in universitati: o abordare interdisciplinara si integrata	Institutionalizing Ethics in Universities: an interdisciplinary and integrated approach	Stiinte umaniste	SH4_12	Ethics and morality, bioethics
158	PN-II-ID-PCE-2012-4-0175	BOLBOACA	Sorana D.	Universitatea de Medicina si Farmacie Iuliu Hatieganu Cluj-Napoca	Asistare Inteligenta in Identificarea Compusilor Activi	Drug Intelligent Delivery Assistance - DRUID	Medicina	LS7_3	Pharmacology, pharmacogenomics, drug discovery and design, drug therapy
159	PN-II-ID-PCE-2012-4-0176	Beleut	Manfred	Universitatea de Medicina si Farmacie "Victor Babes"	Psoriazis: de la expresia genica la medicina personalizata	Psoriasis: from gene expression to personalized medicine	Biologie si Ecologie	LS2_2	Transcriptomics
160	PN-II-ID-PCE-2012-4-0177	Panaiotu	Cristian George	University of Bucharest	Studiul paleomagnetic al rocilor vulcanice din Miocenul Superior din Carpatii Orinetali	Paleomagnetism of the Upper Miocene volcanic rocks from the East Carpathians	Stiintele pamantului	PE10_15	Geomagnetism, paleomagnetism
161	PN-II-ID-PCE-2012-4-0178	Hurduc	Nicolae	Gheorghe Asachi Technical University of Iasi	Polimeri hetero-organici sensibili la stimuli externi cu aplicabilitate in medicina	Hetero-organic polymers sensitive to external stimuli with applications in medicine	Stiinta materialelor	PE5_12	Intelligent materials - self assembled materials
162	PN-II-ID-PCE-2012-4-0179	Hagau	Natalia	Iuliu Hatieganu University of Medicine and Pharmacy Cluj-Napoca	Testul de activare a bazofilului in diagnosticul alergiilor perianestezice utilizand flow-citometria(Allergo-BAT)	Basophil Activation Test Using Flow Cytometry in the Diagnostic of Perianaesthetic Allergy (Allergo-BAT)	Medicina	LS7_2	Diagnostic tools (e.g. genetic, imaging)

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163	PN-II-ID-PCE-2012-4-0180	Cimpoi	Claudia	Babes-Bolyai University	Dezvoltarea si evaluarea unei noi metodologii de amprentare si autentificare a unor alimente functionale pe baza caracteristicilor lor	DEVELOPMENT AND ASSESSMENT OF A NEW METHODOLOGY FOR FINGERPRINTING AND AUTHENTICATION OF SOME FUNCTIONAL FOOD ON THE BASIS OF THEIR CHARACTERISTICS	Stiintele vietii aplicate si Biotehnologii	LS9_6	Food sciences
164	PN-II-ID-PCE-2012-4-0181	Puchianu	Carmen Elisabeta	University Transilvania	Identitate si alteritate reflectate in saptamanalul de limba germana Karpatenrundschau. Perioada anilor 80 si 90.	Identity and Alterity reflected in the German Weekly Karpatenrundschau. The 80s and 90s	Stiinte umaniste	SH5_11	Cultural studies, cultural diversity
165	PN-II-ID-PCE-2012-4-0182	Soficar	Andrei Dorian	„Francisc J. Rainer” Institute of Anthropology	NOI ABORDĂRI DE BIOLOGIE UMANA ASUPRA POPULAȚIEI MEDIEVALE DIN BUCUREȘTI	NEW PERSPECTIVES ON HUMAN BIOLOGY CONCERNING THE MEDIEVAL POPULATION OF BUCHAREST	Biologie si Ecologie	LS8_2	Population biology, population dynamics, population genetics, plant-animal interactions
166	PN-II-ID-PCE-2012-4-0183	COZMA	VASILE	University of Agricultural Science and Veterinary Medicine Cluj-Napoca	Epidemiologia moleculara si riscul de infectie cu zoonoze parazitare transmise prin carnea de porc si rumegatoare in Romania	Molecular epidemiology and risk of infection with foodborne parasitic zoonoses transmitted by pork and ruminants meat in Romania	Medicina	LS6_10	Parasitology
167	PN-II-ID-PCE-2012-4-0184	Popa	Monica	Institute of Physical Chemistry "Ilie Murgulescu"	Procesarea suprafetei pentru biodegradarea aliajelor de magneziu in vederea utilizarii ca implanturi bioresorbabile (PROBIOMAG)	Surface processing for controlled biodegradation of magnesium alloys to be used as bioresorbable implants (PROBIOMAG)	Chimie	PE4_5	Surface science
168	PN-II-ID-PCE-2012-4-0185	Melita	Larisa	Universitatea Tehnica de Constructii Bucuresti	Noi membrane polimerice-hibrid activate utilizate in tratamentul apelor reziduale si de suprafata pentru indepartarea si recuperarea metalelor grele.	New activated hybrid polymeric membranes used in surface- and wastewaters treatment for removal and recovery of heavy metals.	Stiinta materialelor	PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors

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169	PN-II-ID-PCE-2012-4-0186	Iliescu	Radu	Gr.T.Popa University of Medicine and Pharmacy Iasi	Mecanisme ale afectarii renale in obezitate	Mechanisms of obesity-induced renal injury	Biologie si Ecologie	LS4_7	Cardiovascular diseases
170	PN-II-ID-PCE-2012-4-0187	NARDICCHI	VINCENZA	University of Agricultural Sciences and Veterinary Medicine	Producția de microalge pentru aplicatii nutraceutice; proiect de cercetare pe acizi grasi polinesaturati (PUFA) din tulpini de alge specifice	Microalgae production for nutraceuticals application; research project on polyunsaturated fatty acid (PUFAs) from specific algae strains	Biologie si Ecologie	LS1_2	General biochemistry and metabolism
171	PN-II-ID-PCE-2012-4-0188	Baicus	Anda	National Institute for Research and Development in Microbiology and Immunology Cantacuzino	Relatii genetice si legaturi epidemiologice intre tulpinile de enterovirus izolate de la cazurile cu meningita aseptică în România	Genetic relationships and epidemiological links between human enterovirus strains isolated from cases with aseptic meningitis in Romania	Medicina	LS7_10	Public health and epidemiology
172	PN-II-ID-PCE-2012-4-0189	Gifu	Daniela	"ALEXANDRU IOAN CUZA" UNIVERSITY OF IASI	Dramaturgia română în repertoriul teatrelor maghiare din România în perioada 1945-2000	Romanian drama in Hungarian theaters repertory from Romania during 1945-2000	Stiinte umaniste	SH5_2	History of literature
173	PN-II-ID-PCE-2012-4-0190	Frunza	Sandu	Babes-Bolyai University	Perspective etice asupra fundamentalismului religios in Romania	Ethical Perspectives on Religious Fundamentalism in Romania	Stiinte umaniste	SH4_12	Ethics and morality, bioethics
174	PN-II-ID-PCE-2012-4-0191	Rusu-Bolindeț	Viorica	Babes-Bolyai University	Putere oficială si elite locale in Dacia romană – structurile interne ale conducerii provinciale	Official power and local elites in Roman Dacia – the inner structures of the provincial leadership	Stiinte umaniste	SH6_3	Ancient history, ancient cultures

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175	PN-II-ID-PCE-2012-4-0192	Gabriela	Lisa	GHEORGHE ASACHI TECHNICAL UNIVERSITY OF IASI	Relația structură proprietăți pentru materiale înalt performante și noi oportunități de aplicare a acestora	Structure-property relationships for high performance materials and new application opportunities	Chimie	PE5_19	Characterization methods of materials
176	PN-II-ID-PCE-2012-4-0193	Panaiteescu	Denis Michaela	National Institute of Research and Development in Chemistry and Petrochemistry	Proiectarea unor noi modificatori pe baza de nanofibre celulozice pentru compozite polimerice de inalta tehnologie	Designing new modifiers based on cellulose nanofibers for high-tech polymer composites	Stiinta materialelor	PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors
177	PN-II-ID-PCE-2012-4-0194	SCOREI	Ion Romulus	UNIVERSITY OF CRAIOVA	Noi compusi naturali bioactivi ai borului din plante - identificare, cuantificare si sinteză	New natural bioactive boron compounds in plants - identification, quantification and synthesis	Stiintele vietii aplicate si Biotehnologii	LS9_2	Synthetic biology and new bio-engineering concepts
178	PN-II-ID-PCE-2012-4-0195	Negreanu	Lucian	University Emergency Hospital Bucharest	Tehnica FICE in detectia adenoamelor colorectale si validarea unui scor morfo-endoscopic	Flexible Spectral Imaging Colour Enhancement technique in colorectal adenoma detection and validation of an endoscopic-morphologic score	Biologie si Ecologie	LS4_3	Endocrinology
179	PN-II-ID-PCE-2012-4-0197	Solomon	Flavius-Viaceslav	Romanian Academy, Iasi Branch A. D. Xenopol - Institute of History	Stat-natiune vs. internationalism. Miscarile de stanga din Romania de la Internationala II la Comintern	Nation-State vs. Internationalism. The Romanian Left-Wing Movements from the Second International to the Comintern	Stiinte umaniste	SH6_5	Modern and contemporary history
180	PN-II-ID-PCE-2012-4-0198	David	Victor	University of Bucharest	Mecanismul dublu de retentie in cromatografia de lichide bazata pe interactii hidrofilice (HILIC)	DOUBLE RETENTION MECHANISM IN HYDROPHILIC INTERACTION LIQUID CHROMATOGRAPHY (HILIC)	Chimie	PE4_6	Analytical chemistry

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181	PN-II-ID-PCE-2012-4-0199	Curteanu	Silvia	Technical University Gheorghe Asachi Iasi	Algoritmi de inspiratie biologica dezvoltati pentru modelarea si optimizarea proceselor chimice complexe	Biologically-inspired algorithms developed for modelling and optimization of complex chemical processes	Matematica si Informatica	PE6_10	Modelling tools
182	PN-II-ID-PCE-2012-4-0200	Bulacu	Monica	Politehnica University of Bucharest	Crearea de materiale inteligente cu ajutorul calculatorului	In silico design of smart materials	Stiinta materialelor	PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors
183	PN-II-ID-PCE-2012-4-0201	Radulescu	Florin	Institute of Mathematics of the Romanian Academy "S. Stolon"	Cercetari in Algebre de Operatori si Aplicatii in Teoria Numerelor	Research in Operator Algebra and Applications to Number Theory	Matematica si Informatica	PE1_9	Operator algebras and functional analysis
184	PN-II-ID-PCE-2012-4-0202	Gligor	Delia Maria	Babes-Bolyai university	Noi platforme pe baza de adsorbenti pentru detectie electrochimica	New adsorbents-based platforms for electrochemical sensing	Stiinta materialelor	PE5_9	Materials for sensors
185	PN-II-ID-PCE-2012-4-0203	VALEANU	MADALIN CORNEL	Complexul Muzeal National Moldova Iasi	MONUMENTE SI OBIECTE IN DOCUMENTE. PATRIMONIUL ARHEOLOGIC, ISTORIC SI CULTURAL DIN MOLDOVA IN SURSE DOCUMENTARE NEPUBLICATE DIN SECOLUL XIX.	MONUMENTS AND ARTEFACTS IN TEXTS. ARCHAEOLOGICAL, HISTORICAL AND CULTURAL HERITAGE FROM MOLDAVIA IN UNPUBLISHED ARCHIVAL SOURCES FROM XIX CENTURY.	Stiinte umaniste	SH6_12	Cultural heritage
186	PN-II-ID-PCE-2012-4-0204	Cata-Danil	Irina	Horia Hulubei National Institute for Physics and Nuclear engineering	Reactii nucleare de captura radioactiva de interes astrofizic	Nuclear reactions regarding radiocative capture of astrophysical interests	Fizica	PE2_3	Nuclear physics

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187	PN-II-ID-PCE-2012-4-0205	TOSA	Monica Ioana	Babes-Bolyai University	O noua abordare practică bazata pe tandemul biocataliza-chimie click pentru obtinerea pe scara mare a sintonilor enantiopuri	A new practical approach based on the biocatalysis- click chemistry tandem for the large scale production of the enantiopure building blocks	Stiinte ingineresti	PE8_13	Industrial bioengineering
188	PN-II-ID-PCE-2012-4-0206	REPANOVICI	Angela	Transilvania University of Brasov	BIBLIOTECI DIGITALE ALE SPITALELOR PENTRU PROGRESUL STIINTIFIC	HOSPITAL DIGITAL LIBRARIES FOR SCIENTIFIC PROGRESS - HoDiLiPs	Stiinte sociale si economice	SH2_12	Communication networks, media, information society
189	PN-II-ID-PCE-2012-4-0208	Mihai	Adriana	University of Medicine and Pharmacy Tg Mures	DEPISTAREA PRECOCE A DEMENTEI ALZHEIMER PRIN MĂSURAREA GROSIMII STRATULUI DE CELULE NERVOASE DE LA NIVELUL RETINEI PRIN TOMOGRAFIE OPTICĂ	THE EARLY DETECTION OF ALZHEIMER DEMENTIA BY MEASUREMENT OF RETINAL NERVE FIBER LAYER (RNFL) IN OPTICAL COHERENT TOMOGRAPHY (OCT)	Medicina	LS7_2	Diagnostic tools (e.g. genetic, imaging)
190	PN-II-ID-PCE-2012-4-0209	CRISAN	SORIN ION	UNIVERSITY OF ARTS TIRGU MURES	Constructia identitatii socio-culturale la actori (elevi-actori, studenti-actori, actori profesioniști)	Actors' construction of socio-cultural identity: from acting schools to professional theatres	Stiinte umaniste	SH5_6	Performing arts
191	PN-II-ID-PCE-2012-4-0210	Cocis	Sorin Ilie	Institute of Archaeology and Art History	Identitate romana versus identitate barbara - fenomenologia acculturatiei. Cazul Daciei romane si lumea barbara adiacenta	Roman versus barbarian identity – the phenomenology of acculturation. The case of Roman Dacia and the adjacent barbarian world	Stiinte umaniste	SH6_1	Archaeology, archaeometry, landscape archaeology
192	PN-II-ID-PCE-2012-4-0211	Popovici	Nicolae	Universitatea Babes-Bolyai	OPTIMIZARE VECTORIALA SI PROBLEME VARIATIONALE CONEXE - ABORDARI TEORETICE SI COMPUTATIONALE	VECTOR OPTIMIZATION AND RELATED VARIATIONAL PROBLEMS - THEORETICAL AND COMPUTATIONAL APPROACHES	Matematica si Informatica	PE1_17	Control theory and optimization

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193	PN-II-ID-PCE-2012-4-0212	Marinca	Vasile	Universitatea Politehnica Timisoara	Noi tehnici analitice optime aplicate in studiul problemelor neliniare in ingineria mecanica	New optimal analytical techniques applied in the study of nonlinear problems in mechanical engineering	Stiinte ingineresti	PE8_8	Mechanical and manufacturing engineering (shaping, mounting, joining, separation)
194	PN-II-ID-PCE-2012-4-0213	Dumitrascu	Florea	Centrul de Chimie Organica Costin D. Nenitescu	Heterociclii cu azot orientati catre multiple aplicatii; Diversitate structurala prin proceduri one pot si one pot multicomponent simple si eficiente.	Application oriented nitrogen containing heterocycles:Creating diversity trough simple and clean synthetic one-pot and multicomponent processes.	Chimie	PE5_23	Organic chemistry
195	PN-II-ID-PCE-2012-4-0214	Stănciuc	Nicoleta	"Dunarea de Jos" University of Galati	Aplicarea unor tehnici de nanobiotehnologie pentru imbunatatirea functionalitatii proteinelor din zer: stabilirea unor relatii structura functie	Maximizing functionality of whey proteins: relating the molecular characteristics to macroscopic properties in food matrices using nanotech approaches	Stiintele vietii aplicate si Biotehnologii	LS9_6	Food sciences
196	PN-II-ID-PCE-2012-4-0215	Cosma	Constantin	Universitatea Babes-Bolyai	Cand, unde si de ce se obtin cronologii discordante aplicand proceduri de laborator robuste ale metodelor de datare prin luminescenta?	When, where and why do robust laboratory dating procedures provide discordant luminescence chronologies?	Stiintele pamantului	PE10_6	Paleoclimatology, paleoecology
197	PN-II-ID-PCE-2012-4-0216	Baican	Adrian Lucian	Iuliu Hatieganu University of Medicine and Pharmacy	Diagnosticul molecular al pemfigoidului cicatricial utilizand forme recombinante de laminina 5 si integrina $\alpha 6\beta 4$	Molecular diagnosis of mucous membrane pemphigoid using recombinant laminin 5 and $\alpha 6\beta 4$ integrin	Biologie si Ecologie	LS1_1	Molecular biology and interactions
198	PN-II-ID-PCE-2012-4-0217	Bocos-Bintintan	Victor	Babes Bolyai University	Detectarea și caracterizarea rapidă a precursorilor și compușilor esențiali ai drogurilor ilicite prin tehnicile spectrometriei de mobilitate ionică	Rapid trace detection and characterization of precursors and essential chemicals related to illicit drugs using ion mobility spectrometric techniques	Medicina	LS7_11	Environment and health risks including radiation

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199	PN-II-ID-PCE-2012-4-0218	Croitoru	Adina-Eliza	Babes-Bolyai University	Schimbarile climatice si perceptia lor in Romania	Climate changes and their perception in Romania	Stiintele pamantului	PE10_3	Climatology and climate change
200	PN-II-ID-PCE-2012-4-0219	SCARLAT	Eugen	University Politehnica Bucharest	Evolutia convergentei cursurilor de schimb ale tarilor din zona non Euro din perspectiva econo-fizicii	The convergence dynamics of the exchange rates of non Euro countries based on econo-physics approach	Stiinte sociale si economice	SH1_4	Financial markets, banking and corporate finance
201	PN-II-ID-PCE-2012-4-0220	Dimitriu	Dan-Gheorghe	"Alexandru Ioan Cuza" University of Iasi	Instabilitati si fenomene haotice in plasma de temperatura joasa	Instabilities and chaotic phenomena in low-temperature plasma	Fizica	PE2_5	Gas and plasma physics
202	PN-II-ID-PCE-2012-4-0221	Sesarman	Viorica Alina	Babes-Bolyai University	Rolul capcanelor extracelulare eliberate de neutrofile în patogeneza bolilor buloase autoimune	The role of neutrophil extracellular traps in the pathogenesis of autoimmune blistering diseases	Medicina	LS6_1	Innate immunity
203	PN-II-ID-PCE-2012-4-0222	Cristea	Vasile-Mircea	Universitatea Babes-Bolyai	Reducerea emisiilor de gaze cu efect de seră de la stațiile de epurare a apelor uzate, prin control automat bazat pe modelare matematică și optimizare	Reducing greenhouse gas (GHG) emissions from urban Wastewater Treatment Systems by means of model based control and optimization	Stiinte ingineresti	PE7_1	Control engineering
204	PN-II-ID-PCE-2012-4-0223	Lidia Magdalena	Ciurea	National Institute of Materials Physics	Straturi subtiri formate din nanocristale de Si1-xGex imersate in dioxid de siliciu cu proprietati fotoconductive	Films of Si1-xGex nanocrystals embedded in silica with high photoconductive properties	Stiinta materialelor	PE5_10	Nanomaterials : nanoparticles, nanotubes

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205	PN-II-ID-PCE-2012-4-0224	Ungureanu	Viorica-Mariela	Universitatea Constantin Brancusi	CONTROLUL OPTIMAL AL SISTEMELOR LINIARE CU SALTURI MARKOV INFINITE	OPTIMAL CONTROL FOR INFINITE MARKOV JUMP LINEAR SYSTEMS	Matematica si Informatica	PE1_17	Control theory and optimization
206	PN-II-ID-PCE-2012-4-0226	Leontie	Liviu	UNIVERSITATEA ALEXANDRU IOAN CUZA DIN IASI	Nanostructuri lamelare pe bază de materiale A3B6 cu aplicații în metrologia și protecția mediului	Lamellar III-VI nanostructures for environmental metrology and protection	Stiinta materialelor	PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors
207	PN-II-ID-PCE-2012-4-0227	Buttstedt	Anja	Universitatea de Științe Agricole și Medicină Veterinară, Institutul de Științele Vieții, Departamentul de Apicultură	Studii privind proteinele majore ale lăptișorului de matcă (Apis mellifera)	Towards the understanding of major royal jelly proteins of the honey bee (Apis mellifera)	Biologie si Ecologie	LS1_5	Protein synthesis, modification and turnover
208	PN-II-ID-PCE-2012-4-0228	Erler	Silvio	Universitatea de Științe Agricole și Medicină Veterinară Cluj-Napoca, Departamentul de Tehnologii Apicole și Sericicole	Auto-medicația vs. imunitatea înăscută a insectei sociale, Apis mellifera	Self-medication vs. innate immunity in a social insect, Apis mellifera	Medicina	LS6_11	Prevention and treatment of infection by pathogens (e.g. vaccination, antibiotics, fungicide)
209	PN-II-ID-PCE-2012-4-0229	MORARU	LUMINITA	University Dunarea de Jos of Galati	Modelarea numerică și studiul experimental al arderii răsturnate în regim nestăionar a reziduurilor agricole	Numerical modeling and experimental study of the unsteady downdraft combustion of agricultural residues	Științe ingineresti	PE8_4	Computational engineering
210	PN-II-ID-PCE-2012-4-0230	Preda	Cristian Dan	University of Bucharest	Nasterea și renașterea democrației electorale în România modernă: Reglementări electorale, teritoriu și reprezentare (ELEDEMRO)	Birth and rebirth of Electoral Democracy in Modern Romania: Electoral rules, territory and representation (ELEDEMRO)	Științe sociale si economice	SH2_8	Political systems, legitimacy of governance

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211	PN-II-ID-PCE-2012-4-0231	Patachia	Florica Silvia Cristina	Transilvania University of Brasov	Ingineria materialelor lemnoase bazata pe interactiunea acestora cu lichidele ionice	Engineering of wooden materials based on their interaction with ionic liquids	Stiinte ingineresti	PE8_9	Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...)
212	PN-II-ID-PCE-2012-4-0232	Nedea	Silvia	Politehnica University of Bucharest	Simulari moleculare hibride pentru controlul temperaturii si al transferului de caldura	Efficient hybrid molecular simulations for temperature control and heat transfer phenomena	Fizica	PE3_16	Fluid dynamics (physics)
213	PN-II-ID-PCE-2012-4-0233	Raicu	Florina	Carol Davila University of Medicine and Pharmacy	Aspecte moleculare ale infertilitatii masculine umane: o analiza integrativa bazata pe aCGH de inalta rezolutie si profile de expresie genica globala	Molecular aspects of human male infertility: an integrative analysis based on high resolution array-CGH and global gene expression profiling	Medicina	LS7_2	Diagnostic tools (e.g. genetic, imaging)
214	PN-II-ID-PCE-2012-4-0234	Stancalie	Viorica	National Institute for Laser, Plasma & Radiation Physics	Ciocnirile electronilor cu elemente din grupa Fierului. De la acuratetea datelor atomice la opacitatile astrofizice.	Electron collisions with Fe-peak elements.From high precision atomic data to astrophysical opacities	Fizica	PE9_1	Solar and interplanetary physics
215	PN-II-ID-PCE-2012-4-0235	Paulescu	Marius	West University of Timisoara	Aplatizarea si prognoza saltului de putere la centrale fotovoltaice distribuite	Smoothing and forecasting the ramp power of distributed photovoltaic plants	Stiinte ingineresti	PE8_6	Energy systems (production, distribution, application)
216	PN-II-ID-PCE-2012-4-0236	Badea Doni	Mihaela	National Institute for Research & Development in Chemistry & Petrochemistry - ICECHIM	DEZVOLTARE DE SISTEME ANALITICE BAZATE PE REACTII ENZIMATICE IN MEDII BIOMIMETICE	DEVELOPMENT OF ENZYME BASED - ANALYTICAL SYSTEMS IN BIOMIMETIC MEDIA	Chimie	PE4_6	Analytical chemistry

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217	PN-II-ID-PCE-2012-4-0237	HADARUGA	DANIEL IOAN	Politehnica University of Timisoara	Nanoparticule si nanocapsule de tip flavonoide si bioconjugati acizi grasi omega-3-flavonoide/ciclodextrine/liposomi pentru farmaceutica& alimentatie	New flavonoid and omega-3 fatty acid-flavonoid bioconjugate/cyclodextrin/liposome nanoparticles and nanocapsules for pharmaceuticals&foods	Chimie	PE5_22	Supramolecular chemistry
218	PN-II-ID-PCE-2012-4-0238	Mihet	Dorel	West University of Timisoara	Tematici actuale in structuri probabiliste si fuzzy	Current topics in probabilistic and fuzzy structures	Matematica si Informatica	PE1_8	Analysis
219	PN-II-ID-PCE-2012-4-0239	Buiu	Catalin	Universitatea Politehnica din Bucuresti	Tehnici bioinsirate pentru asigurarea securitatii grupurilor de roboti	Bioinspired techniques for robotic swarms security	Stiinte ingineresti	PE7_10	Robotics
220	PN-II-ID-PCE-2012-4-0240	GHERGHICEANU	MIHAELA	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE IN DOMENIUL PATOLOGIEI SI STIINTELOR BIOMEDICALE 'VICTOR BABES' BUCURESTI	Caracterizarea moleculara si tri-dimensională a jonctiunilor cardiace atipice	Molecular and three-dimensional characterization of non-canonical cardiac junctions	Biologie si Ecologie	LS1_1	Molecular biology and interactions
221	PN-II-ID-PCE-2012-4-0241	Iancu	Cornel	Institutul Regional de Gastroenterologie-Hepatologie "Prof. Dr. O Fodor" Cluj-Napoca	Tratamente nanotehnologice pentru tratamentul selectiv al cancerului pancreatic.	Nanotherapeutics for the selective treatment of pancreatic cancer	Stiintele vietii aplicate si Biotehnologii	LS9_2	Synthetic biology and new bio-engineering concepts
222	PN-II-ID-PCE-2012-4-0242	Ionita	Mariana	University of Agronomical Sciences and Veterinary Medicine of Bucharest	Studii moleculare si evaluarea riscului privind rezistenta la antihelmintice a strongililor la cabaline; strategii durabile de management si control	Molecular studies and risk assessments on anthelmintic resistance in equine strongyles; developing sustainable management and control strategies	Medicina	LS6_13	Veterinary medicine

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223	PN-II-ID-PCE-2012-4-0243	Mocan	Teodora	Institutul Regional de Gastroenterologie-Hepatologie" Prof. Dr. O. Fodor" Cluj-Napoca	Dezvoltarea unui vaccin destinat imunoprofilaxiei cancerului pancreatic utilizand plasmida ADN-CA 19-9 si nanotuburi de carbon .	Development of CA 19-9 plasmid DNA-carbon nanotubes vaccine for pancreatic cancer immunoprophylaxis.	Medicina	LS6_2	Adaptive immunity
224	PN-II-ID-PCE-2012-4-0244	Goga	Yvonne	Babes-Bolyai University	Avatarurile europenizarii identitatii culturale si artistice ale familiei reflectate in romanul francez actual	The Avatars of Europeanization of Cultural and Artistic Identity of the Family Reflected in the French Contemporary Novel	Stiinte umaniste	SH5_3	Literary theory and comparative literature, literary styles
225	PN-II-ID-PCE-2012-4-0245	Balan	Corneliu	Universitatea Politehnica din Bucuresti	Reometria fluidelor complexe in prezenta suprafetelor structurate	Rheometry of complex fluids in presence of patterned surfaces	Stiinte ingineresti	PE8_5	Fluid mechanics, hydraulic-, turbo-, and piston engines
226	PN-II-ID-PCE-2012-4-0246	Zarnescu	Otilia	Bucharest University	Studii integratoare asupra profilului epigenetic al unor gene imprintate in cursul spermatogenezei la soarece	Integrative studies of epigenetic profile in some imprinted genes during mouse spermatogenesis	Biologie si Ecologie	LS3_9	Development, developmental genetics, pattern formation and embryology in animals
227	PN-II-ID-PCE-2012-4-0247	Gergen	Iosif	Banat's University of Agricultural Sciences and Veterinary Medicine from Timisoara	Asimilarea și bioacumularea de Fe, Zn, Mn și Cu in melcii terestri, studii asociate cu obținerea unui aliment functional - carnea de melc fortificata	Uptake and bioaccumulation of Fe, Zn, Mn and Cu in terrestrial snail studies joined with obtaining of fortified snail meat as a functional food diet	Biologie si Ecologie	LS8_9	Environmental toxicology
228	PN-II-ID-PCE-2012-4-0248	Grosu	Ion	Babes-Bolyai University	Noi sisteme moleculare inovative interconectate mecanic: design, sinteza, proprietati si masini moleculare.	Innovative Mechanically Interlocked Molecules: Design, Synthesis, Properties and Molecular Devices	Chimie	PE5_23	Organic chemistry

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229	PN-II-ID-PCE-2012-4-0249	Caleanu	Catalin-Daniel	University POLITEHNICA from Timisoara	Metode inovative pentru identificare biometrica	Innovative Methods for Biometric Person Identification	Matematica si Informatica	PE6_8	Intelligent systems
230	PN-II-ID-PCE-2012-4-0250	Chilibon	Irinela	National Institute of Research and Development for Optoelectronics	Materiale compozite si structuri pentru aplicatii in domeniul senzorilor	Composite materials and structures for sensor applications	Stiinte ingineresti	PE7_4	Systems engineering, sensorics, actorics, automation
231	PN-II-ID-PCE-2012-4-0251	Simon	Alexandru	Romanian Academy	Cruciati de rit grec ai Rome: cruciada tarzie in documente din Arhiva de Stat din Milano (anii 1440-1450)	The Greek Rite Crusaders of Rome: The Later Crusades in Documents from the State Archives of Milan (1440s-1540s)	Stiinte umaniste	SH6_4	Medieval history
232	PN-II-ID-PCE-2012-4-0252	Grancea	Mihaela	"Lucian Blaga" University of Sibiu	Reprezentările călătoriei interne și externe la români, sași, șvabi și maghiarii ardeleni (1815-1923)	Internal and External Travel Representations of Romanians, Saxons, Swabs and Magyars from Transylvania (1815-1923)	Stiinte umaniste	SH6_11	Collective memories, identities, lieux de m
233	PN-II-ID-PCE-2012-4-0253	Pop	Ioan-Aurel	Romanian Academy	Retele ale crizei: o abordare dinamica complexa pentru analiza legaturilor dintre modificarile socio-politice si de mediu in trecut si in prezent	Webs of Crisis: a dynamic complex approach for the analysis of the linkages between sociopolitical and environmental change in past and present	Stiinte umaniste	SH6_4	Medieval history
234	PN-II-ID-PCE-2012-4-0254	BOUREANU	Alexandru	Universitatea din Craiova	ACTUALA PROFESIE DE ACTOR: NOI CAMPURI DE MUNCA SI DEMULTIPLICAREA DE SINE IN CADRUL SOCIETATILOR CONTEMPORANE	LA PROFESSION DU COMEDIEN: NOUVEAUX CHAMPS DE TRAVAIL ET DEMULTIPLICATION DE SOI DANS LES SOCIETES CONTEMPORAINES	Stiinte umaniste	SH5_6	Performing arts

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235	PN-II-ID-PCE-2012-4-0255	Enculescu	Ionut-Marius	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor	Controlul sarcinii si spinului in tranzistori cu efect de camp cu canal nanofir	Charge and spin control in field effect transistors with nanowire channel	Fizica	PE3_12	Nanophysics: nanoelectronics, nanophotonics, nanomagnetism
236	PN-II-ID-PCE-2012-4-0256	Timofte	Dorina	Universitatea de Științe Agricole și Medicină Veterinară "Ion Ionescu de la Brad" Iași	Prevalenta enterobacteriilor producătoare de betalactamaze cu spectru extins în abatoarele de pui din Nord-Estul României și implicații epidemiologice	Prevalence of ESBL-producing Enterobacteriaceae in poultry abattoirs in northeast of Romania and the epidemiological implications for public health	Medicina	LS6_13	Veterinary medicine
237	PN-II-ID-PCE-2012-4-0257	Pascuta	Petru	Tehnickal University of Cluj Napoca	Obtinerea unor noi vitroceramici pentru hipertermia magnetica	NEW GLASS CERAMICS SYNTHESIS FOR MAGNETIC HYPERTHERMIA	Stiinta materialelor	PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors
238	PN-II-ID-PCE-2012-4-0258	Adrian	Beteringhe	Lumina Foundation Educational Institutions - Lumina - The University of South-East Europe	Sinteza unor compusi organici cu potentiala activitate inhibatorie a factorului letal al antraxului. Studii QSAR si de docare moleculara.	Synthesis of some organic compounds with potential inhibitory activity of anthrax lethal factor.QSAR and Molecular Docking studies.	Chimie	PE5_23	Organic chemistry
239	PN-II-ID-PCE-2012-4-0259	Ene	Viviana	Ovidius University, Constanta	Metode algoritmice, omologice si combinatoriale in algebra comutativa	Algorithmic, Homological, and Combinatorial Methods in Commutative Algebra	Matematica si Informatica	PE1_2	Algebra
240	PN-II-ID-PCE-2012-4-0260	Bonciocat	Nicolae Ciprian	Simion Stoilow Institute of Mathematics of the Romanian Academy	Ireductibilitate si indecompozabilitate in algebre de polinoame	Irreducibility and indecomposability in polynomial algebras	Matematica si Informatica	PE1_3	Number theory

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241	PN-II-ID-PCE-2012-4-0261	Cazacu	Maria	"Petru Poni" Institute of Macromolecular Chemistry	Noi retele de coordinare continand puncti polifunctionale flexibile	New coordination networks containing polyfunctional flexible bridges	Stiinta materialelor	PE5_6	Porous materials
242	PN-II-ID-PCE-2012-4-0262	Culea	Eugen	Technical University of Cluj-Napoca	Noi materiale vitroase si vitroceramice pe baza de oxizi grei cu proprietati structurale si comportamentale imbunatatite prin procese de co-dopare	New heavy oxide vitreous and vitroceramic materials with structural and behavioural properties improved via co-doping processes	Stiinta materialelor	PE5_1	Structural properties of materials
243	PN-II-ID-PCE-2012-4-0263	Procopciuc	Lucia Maria	University of Medicine and Pharmacy Iuliu Hatieganu	Noi determinanti genetici adipocitari pentru investigarea obezitatii in sarcina cu scopul imbunatatirii strategiilor de monitorizare obstetricala	New genetic adipocyte determinants for the investigation of obesity in pregnancy in order to improve obstetric monitoring strategies	Biologie si Ecologie	LS2_6	Molecular genetics, reverse genetics and RNAi
244	PN-II-ID-PCE-2012-4-0264	SOCACIU	Carmen	University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca	ELIBERARE CONTROLATA DE BIOMOLECULE INCAPSULATE CU POTENTIAL ANTIFIBROTIC:STUDII EXPERIMENTALE PE CELULE HEPATICE STELATE SI SEMNALIZARE INTRACELULARA	CONTROLLED RELEASE OF ENCAPSULATED BIOMOLECULES WITH ANTIFIBROTIC POTENTIAL:EXPERIMENTAL STUDIES ON HEPATIC STELLATE CELLS AND INTRACELLULAR SIGNALING	Biologie si Ecologie	LS1_8	Biochemistry of signal transduction
245	PN-II-ID-PCE-2012-4-0265	Buda	Mihai	Politehnica University of Bucharest Applied Chemistry and Materials Science Faculty	Electrochimie dinamica: cinetica electrochimica teoretica si experimentală	Dynamic electrochemistry: theoretical and experimental electrochemical kinetics	Chimie	PE4_9	Electrochemistry, electrodialysis, microfluidics
246	PN-II-ID-PCE-2012-4-0266	Laura	Bulgariu	Gheorghe Asachi Technical Univeristy of Iasi	Recuperarea avansata si separarea metalelor pretioase din surse secundare	Advanced recovery and separation of precious metals from secondary sources	Chimie	PE5_13	Environment chemistry

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247	PN-II-ID-PCE-2012-4-0267	Adrian	Postelnicu	Universitatea Transilvania Brasov	Probleme speciale in comportarea fluxului sanguin si procese de transport in sistemul vascular uman	Special Topics in Blood Flow Pattern and Transport Processes in the Human Vascular System	Stiinte ingineresti	PE8_5	Fluid mechanics, hydraulic-, turbo-, and piston engines
248	PN-II-ID-PCE-2012-4-0268	Gheonea	Dan Ionut	University of Medicine and Pharmacy Craiova	Implementarea analizei fractale si a retelelor neuronale artificiale intr-un model integrativ complex de diagnostic si prognostic al CHC	Implementation of Fractal Analysis and Artificial Neural Networks in a Complex Integrative Model for the Diagnosis and Prognostic of Hepatocarcinomas	Medicina	LS7_2	Diagnostic tools (e.g. genetic, imaging)
249	PN-II-ID-PCE-2012-4-0269	Ani	Elisabeta-Cristina	Univestitatea Babes-Bolyai Cluj-Napoca	Abordarea integrata a durabilitatii calitatii apei: statii de epurare si poluarea raurilor	Integrated approach of water quality sustainability: waste water treatment plants and river pollution	Stiintele pamantului	PE10_17	Hydrology, water and soil pollution
250	PN-II-ID-PCE-2012-4-0270	ANITA	Sebastian	Alexandru Ioan Cuza University of Iasi	Controlul optimal si stabilizarea sistemelor parabolice neliniare cu restrictii de stare. Aplicatii in stiintele vietii si economie	Optimal Control and Stabilization of Nonlinear Parabolic Systems with State Constraints. Applications in Life Sciences and Economics	Matematica si Informatica	PE1_17	Control theory and optimization
251	PN-II-ID-PCE-2012-4-0271	Danet	Andrei Florin	Universitatea din Bucuresti	Metode luminescente pentru studiul speciilor reactive ale oxigenului, a antioxidantilor si a sresului oxidativ asociat SRO.	Luminescence methods for the study of reactive oxygen species, antioxidants and ROS-associated oxidative stress	Chimie	PE4_6	Analytical chemistry
252	PN-II-ID-PCE-2012-4-0272	Brnzei	Monica	Babes-Bolyai University	Raportul intre filosofie si teologie in comentariile cisterciene de Sentinte. Impactul cistercienilor asupra universitatii in secolul 14	PHILOSOPHY AND THEOLOGY IN CISTERCIAN COMMENTARIES ON THE SENTENCES. THE IMPACT OF THE CISTERCIAN COMMUNITY ON THE UNIVERSITY DURING THE XIVth CENTUR	Stiinte umaniste	SH4_10	Philosophy, history of philosophy

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253	PN-II-ID-PCE-2012-4-0273	Lazar	Mihaela Diana	National Institute for Research and Development of Isotopic and Molecular Technologies - INCDTIM Cluj Napoca	Oxidarea catalitica selectiva a glicerinei - o modalitate regenerabila de producere a unor substante chimice valoroase	Catalytic chemoselective partial oxidation of glycerol – a biorenewable route to valuable chemicals	Chimie	PE4_12	Catalysis
254	PN-II-ID-PCE-2012-4-0274	Baniceru	Mihaela	UNIVERSITATEA DE MEDICINA SI FARMACIE CRAIOVA	STUDII IN VIVO PRIVIND INTERACTIILE MEDICAMENT-MEDICAMENT DINTRE STATINE SI ANESTEZICE LOCALE	IN VIVO STUDIES ON DRUG METABOLISM AND INTERACTIONS INVOLVING STATINS AND LOCAL ANESTHETICS	Biologie si Ecologie	LS1_2	General biochemistry and metabolism
255	PN-II-ID-PCE-2012-4-0275	Bogdan-Petru	Maleon	Universitatea „Alexandru Ioan Cuza” din Iasi	Sistemul punitiv din Principatul Moldovei	The punitive system in the Principality of Moldavia	Stiinte umaniste	SH6_4	Medieval history
256	PN-II-ID-PCE-2012-4-0276	Rasvan	Vladimir	University of Craiova	Comanda si reglarea automata a sistemelor descrise de legi de conservare.	Automatic Control of the Systems Described by Equations of Conservation Laws.	Stiinte ingineresti	PE7_1	Control engineering
257	PN-II-ID-PCE-2012-4-0277	Jurcut	Ruxandra Oana	University of Medicine and Pharmacy "Carol Davila" Bucharest	Screening al mutatiilor genetice trombofilice la pacienti tineri cu tromboze acute arteriale si venoase: corelatii genotip-fenotip	SCREENING FOR THROMBOPHILIA GENE MUTATIONS IN YOUNG PATIENTS WITH ACUTE ARTERIAL AND VENOUS THROMBOSIS: GENOTYPE-PHENOTYPE CORRELATIONS	Medicina	LS7_2	Diagnostic tools (e.g. genetic, imaging)
258	PN-II-ID-PCE-2012-4-0278	Ivan	Dumitru Mircea	Universitatea Tehnica din Cluj-Napoca	Noi metode exploratorii in Teoria aproximarii si aplicatii	Exploring New Methods in Approximation Theory and Applications	Matematica si Informatica	PE1_16	Numerical analysis and scientific computing

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259	PN-II-ID-PCE-2012-4-0279	Marian	Catalin	"Victor Babes" University Of Medicine and Pharmacy Timisoara	Micro RNA specifici pentru cancerul de prostata: evaulare ca markeri in fluide biologice si a rolului in procesul carcinogenetic	Prostate cancer specific miRNAs: evaluation as biomarkers in biological fluids and their role in the carcinogenic process	Medicina	LS7_2	Diagnostic tools (e.g. genetic, imaging)
260	PN-II-ID-PCE-2012-4-0280	Sava	Bogdan Alexandru	National Institute for Lasers, Plasma and Radiation Physics Magurele	Clasa noua ecologica de materiale vitroase boro-fosfatice dopate, sub forma de nanopulveri si filme subtiri nano-structurate, pentru optoelectronica	New ecological class of doped borophosphate vitreous materials, as nanopowders and nano-structured thin films, for optoelectronics	Stiinta materialelor	PE5_4	Thin films
261	PN-II-ID-PCE-2012-4-0281	Rustoiu	Aurel	Academia Romana Filiala Cluj-Napoca, Institutul de Arheologie si Istoria Artei	Viata si moarte pe valea Muresului.Cercetari aero-arheologice si de teren ale habitatului si necropolelor din preistorie pana in evul mediu timpuriu	Life and death on the Mureş Valley. Aerial archaeological and field surveys of human habitat and cemeteries from Prehistory to the early Middle Age	Stiinte umaniste	SH6_1	Archaeology, archaeometry, landscape archaeology
262	PN-II-ID-PCE-2012-4-0282	Dumitrascu	Dan Lucian	University of Medicine and Pharmacy "Iuliu Hatieganu"	Rolul microcirculatiei hepatice in determinarea evolutiei hepatopatiilor cronice	Role of the liver microcirculation in the assessment of the evolution of chronic liver diseases	Biologie si Ecologie	LS4_5	Metabolism, biological basis of metabolism related disorders
263	PN-II-ID-PCE-2012-4-0283	Miu	Lucica	National Institute of Materials Physics	Dinamica vortexurilor in supraconductorii exotici	Vortex dynamics in exotic superconductors	Fizica	PE3_8	Superconductivity
264	PN-II-ID-PCE-2012-4-0284	Barbulescu	Alina	Ovidius University of Conatanta	Studiul indicilor de ariditate in Dobrogea	Drought Indices Assessment in Dobrogea Area (DRIADA)	Stiintele pamantului	PE10_3	Climatology and climate change

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265	PN-II-ID-PCE-2012-4-0285	Gafton	Alexandru	Universitatea "Alexandru Ioan Cuza" din Iasi	Corpus electronic al textelor românești vechi (1521-1640) (CETRV)	Electronic Corpus of The Old Romanian Texts (1521-1640) (CETRV)	Stiinte umaniste	SH4_6	Typological, historical and comparative linguistics
266	PN-II-ID-PCE-2012-4-0286	Zugravu	Nelu	Universitatea "Alexandru Ioan Cuza" din Iasi	Prosopografia creștina a Dunării de Jos	Christian Prosopography of Lower Danube	Stiinte umaniste	SH6_3	Ancient history, ancient cultures
267	PN-II-ID-PCE-2012-4-0287	Ticos	Catalin Mihai	National Institute for Laser, Plasma and Radiation Physics	Manipularea plasmelor cu microparticule cu ajutorul campurilor electromagnetice si fluxurilor de particule incarcate	Manipulation of Dusty Plasmas by Electromagnetic Fields and Charged Particle Flows	Fizica	PE2_5	Gas and plasma physics
268	PN-II-ID-PCE-2012-4-0288	Dragota	Victor	Academia de Studii Economice din Bucuresti	POLITICA DE DIVIDEND - LA FRONTIERELE DINTRE MANAGEMENTUL FINANCIAR, GUVERNANTA CORPORATIVA SI FACTORII SOCIO-CULTURALI	DIVIDEND POLICY – BETWEEN CORPORATE FINANCE, CORPORATE GOVERNANCE AND SOCIO-CULTURAL FACTORS	Stiinte sociale si economice	SH1_4	Financial markets, banking and corporate finance
269	PN-II-ID-PCE-2012-4-0289	Breckner	Brigitte Erika	Babes-Bolyai University	Metode topologice si variationale pentru studiul problemelor neliniare pe domenii din R^N si pe fractali	Topological and variational methods for the study of nonlinear problems on domains in R^N and on fractals	Matematica si Informatica	PE1_11	Partial differential equations
270	PN-II-ID-PCE-2012-4-0290	Fejer	Szilard	SC Pro-Vitam SRL Sfantu Gheorghe, sucursala Sfantu Gheorghe	Studii computationale si experimentale a virusurilor asociate cu cancer: mecanisme de infectie si oncogenitate	Computational and experimental studies on viruses associated with cancer: infection mechanisms and oncogenicity	Biologie si Ecologie	LS2_14	Biological systems analysis, modelling and simulation

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271	PN-II-ID-PCE-2012-4-0291	Munteanu	Marian	Geological Institute of Romania	Cercetarea multidisciplinară a rocilor mafice și ultramafice ale ciclului orogenic carpatic în România: indicații asupra proceselor legate de manta	Multidisciplinary investigation of the mafic and ultramafic rocks of the Carpathian orogenic cycle in Romania: insights on mantle-related processes	Științele pământului	PE10_10	Mineralogy, petrology, igneous petrology, metamorphic petrology
272	PN-II-ID-PCE-2012-4-0292	Gyorgy	Eniko	Institutul Național de Cercetare Dezvoltare pentru Fizica Laserilor, Plasmei și Radiației	Procesarea și imobilizarea materialelor nanocompozite pe bază de carbon prin tehnici laser pentru dispozitive optoelectronice de înaltă performanță	Processing and immobilization by laser techniques of carbon based nanocomposite materials for high performance optoelectronic devices	Științe ingineresti	PE8_9	Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...)
273	PN-II-ID-PCE-2012-4-0293	Borza	Tudor	Babes-Bolyai University	Descifrarea mecanismului de rezistență indusă la plante folosind fosfite și patosistemul cartof-măna cartofului	Deciphering the mechanism of induced resistance in plants by using phosphites and the pathosystem potato-late blight	Biologie și Ecologie	LS2_1	Genomics, comparative genomics, functional genomics
274	PN-II-ID-PCE-2012-4-0294	Dima	Mihai Robert	University of Bucharest	Abordare sinergetică pentru o înțelegere unificată a variațiilor climatice din trecut și din prezent	Synergetic approach toward a unified understanding of past and present climate variations	Științele pământului	PE10_3	Climatology and climate change
275	PN-II-ID-PCE-2012-4-0295	Benedek	Jozsef	Babeș-Bolyai University Cluj-Napoca	Dezvoltarea regională a arealelor periferice prin utilizarea energiilor regenerabile. Studiu de caz: Regiunea de Dezvoltare Nord-Vest din România	Renewable Energy Based Endogenous Development of the Peripheral Areas. Case Study: North-West Development Region of Romania	Științe sociale și economice	SH3_1	Environment and sustainability
276	PN-II-ID-PCE-2012-4-0296	Csiki Sava	Zoltan	University of Bucharest	Viața Insulară în Cretacic – paleobiologia și evoluția ecosistemelor insulare Cretacic târziu din Europa Centrală și de Est	Island Life in the Cretaceous – paleobiology and evolution of Late Cretaceous island ecosystems from Central and Eastern Europe	Științele pământului	PE10_12	Sedimentology, soil science, palaeontology, earth evolution

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277	PN-II-ID-PCE-2012-4-0297	Lavric	Vasile	University Politehnica of Bucharest	Strategie adaptiva de control pentru rețelele integrate de utilizare si tratare a apelor utilizind analiza comportarii dinamice	Adaptive strategy for optimal control of integrated water using and wastewater treatment networks through dynamic behavior analysis	Stiinte ingineresti	PE8_2	Chemical engineering, technical chemistry
278	PN-II-ID-PCE-2012-4-0298	Stefanescu	Anton	The Academy of Economic Studies	Probleme de decizie multicriteriala in teoria economiilor competitive, finante si asigurari	Multicriteria decision problems in competitive economics, finance and insurance	Stiinte sociale si economice	SH1_4	Financial markets, banking and corporate finance
279	PN-II-ID-PCE-2012-4-0299	Trache	Livius-Marian	National Research Institute for Physics and Nuclear Engineering "Horia Hulubei"	Studii de astrofizica nucleara la IFIN-HH	Nuclear astrophysics studies at IFIN-HH	Fizica	PE2_4	Nuclear astrophysics
280	PN-II-ID-PCE-2012-4-0300	Osiac	Eugen	UNIVERSITY OF MEDICINE AND PHARMACY OF CRAIOVA OF CRAIOVA	Platforma integrata de analize spectral-fluorescente imbunatatita prin masuratori de timp de viata pentru imagistica si detectia cancerului pulmonar	Integrated spectral-fluorescent platform enhanced by fluorescent- lifetime measurements for advanced imaging and detection of lung cancer	Medicina	LS7_2	Diagnostic tools (e.g. genetic, imaging)
281	PN-II-ID-PCE-2012-4-0301	Neagoe	Aurora	University of Bucharest	Instrumente pentru luarea deciziilor cu privire la servicii ecosistemice cuplate de retenție a azotului, fosforului și metalelor furnizate de lunci	Tools for decisions on coupled ecosystem services of nitrogen, phosphorus and metals retention delivered by floodplains	Stiinte sociale si economice	SH3_1	Environment and sustainability
282	PN-II-ID-PCE-2012-4-0302	Gabriel	Lazar	Universitatea "Vasile Alecsandri" din Bacau	Abordari noi ale fotocatalizei in aer si apa	New approaches to photocatalysis of air and water	Stiintele pamantului	PE10_17	Hydrology, water and soil pollution

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283	PN-II-ID-PCE-2012-4-0303	Lazăr	Iuliana Mihaela	Universitatea "Vasile Alecsandri" din Bacau	Aplicatii noi ale spectroscopiei si analizei multivariate a datelor pentru caracterizarea materialului biologic supus stresului de mediu	New applications of spectroscopic and multivariate data analyses on the biologic material characterization under environmental stress	Biologie si Ecologie	LS2_12	Biostatistics
284	PN-II-ID-PCE-2012-4-0304	Ionescu	Diana	Universitatea de Medicina si Farmacie Carol Davila	Studiul sistematic al interactiunilor flavonolilor cu membranele lipidice folosind spectroscopia de fluorescenta	Systematic study of flavonols interactions with lipid membranes using fluorescence spectroscopy	Biologie si Ecologie	LS1_6	Biophysics
285	PN-II-ID-PCE-2012-4-0305	Aldica	Gheorghe Virgil	National Institute of Materials Physics	Polimeri compoziti electroactivi pentru recuperarea energiei	Electro-active polymer composites for energy harvesting	Stiinta materialelor	PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors
286	PN-II-ID-PCE-2012-4-0306	Avrigeanu	Vlad	Horia Hulubei National Institute for Physics and Nuclear Engineering	Date nucleare avansate necesare tehnologiilor actuale pentru fuziunea termonucleara	Improved Nuclear Data Requested by Actual Fusion Technology	Fizica	PE2_3	Nuclear physics
287	PN-II-ID-PCE-2012-4-0307	Rusu-Bolindet	Adrian Andrei	Institutul de Arheologie si Istoria Artei, Academia Romana Filiala CLUJ-NAPOCA	Obiecte ale puterii si rezidente ale elitelor. Cultura materiala a elitelor din Transilvania Evului Mediu tarziu	Objects of Power and Elite Residences. Material Culture of the Elites in Late Medieval Transylvania	Stiinte umaniste	SH6_4	Medieval history
288	PN-II-ID-PCE-2012-4-0308	Adamut	Anton	"Al. I. Cuza" University, Iasi, Romania	Recuperarea lui Toma din Aquino. Tradiții filosofice, concepte etice și terminologie în Contra errores Graecorum, Sententia Ethic. și Comp.theologiae	Thomas Aquinas revisited. Philosophical Traditions, Ethical Concepts, and Terminology in Contra errores Graecorum, Sententia Ethic., Comp. theologiae	Stiinte umaniste	SH4_10	Philosophy, history of philosophy

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289	PN-II-ID-PCE-2012-4-0309	Branisteanu	Dumitru	UNIVERSITATEA DE MEDICINA SI FARMACIE GRIGORE T. POPA IASI	Parametri metabolici, hormonal si de compozitie corporala ca factori predictivi ai metabolismului fosfocalcic si ai prognosticului starii critice	Metabolic, hormonal and body composition parameters as predictors of bone and calcium metabolism and of critical illness prognosis	Biologie si Ecologie	LS4_3	Endocrinology
290	PN-II-ID-PCE-2012-4-0310	TICA	ANDREI ADRIAN	UNIVERSITY OF MEDICINE AND PHARMACY CRAIOVA ROMANIA	STUDIU ASUPRA COMPLEXUL CANABINOID LA NIVEL MIOMETRIAL – PUNCT DE PLECARE PENTRU PREVENIREA TRAVALIULUI PREMATUR LA CONSUMATORII CRONICI DE MARIJUANA	STUDY ON CANNABINOID COMPLEX IN HUMAN MYOMETRIUM – A START POINT FOR PREVENTING THE PRETERM UTERINE LABOR ON CHRONICALLY USERS OF MARIJUANA	Medicina	LS7_3	Pharmacology, pharmacogenomics, drug discovery and design, drug therapy
291	PN-II-ID-PCE-2012-4-0311	Kovacs	Kornel	University of Agricultural Science and Veterinary Medicine Timisoara	Sorgul zaharat: materie primă versatilă pentru biocombustibili și biorafinări	Sweet sorghum: a versatile raw material for biofuels and biorefinery	Stiintele vietii aplicate si Biotehnologii	LS9_9	Biotechnology, bioreactors, applied microbiology
292	PN-II-ID-PCE-2012-4-0312	Zamfirescu	Calin	INSTITUTUL NATIONAL DE CERCETARE-DEZVOLTARE PENTRU ELECTROCHIMIE SI MATERIE CONDENSATA TIMISOARA	Generarea hidrogenului, a electricitatii si a caldurii utilizand un receptor hibrid de tip fotoreactor monolitic cu lumina ghidata – celula solara	Hydrogen, power and heat generation with a guided-light monolithic photoreactor – solar cell hybrid receiver	Stiinte ingineresti	PE8_8	Mechanical and manufacturing engineering (shaping, mounting, joining, separation)
293	PN-II-ID-PCE-2012-4-0313	Busneag	Dumitru	University of Craiova	Metode algebrice in algebra universala cu aplicatii in reprezentarea si procesarea cunostintelor	Algebraic methods in universal algebra with applications in knowledge representations and processing	Matematica si Informatica	PE1_1	Logic and foundations
294	PN-II-ID-PCE-2012-4-0314	Aldea	Nicolae	National Institute for Research and Development for Isotopic and Molecular Technologies	ANALIZA UNITARA A DIMENSIONALITATII CLUSTERILOR METALICI NANOSTRUCTURATI CU PROPRIETATI CATALITICE	UNITARY DIMENSIONALITY ANALYSIS FOR METALLIC NANOCUSTERS WITH CATALYTIC PROPERTIES	Stiinta materialelor	PE5_1	Structural properties of materials

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295	PN-II-ID-PCE-2012-4-0315	Tiusan	Coriolan	Universitatea Tehnica din Cluj-Napoca	Dispozitive spintronice mezoscopice cu proprietati magnetice si de transport controlate	Mesoscopic spintronic devices with tailored magneto-transport properties	Fizica	PE3_10	Spintronics
296	PN-II-ID-PCE-2012-4-0316	Ioan	Daniel	Universitatea Politehnica Bucuresti	Modelarea ierarhica si autoadaptiva a dispozitivelor electromagnetice la inalta frecventa	Hierarchical and Adaptive Modeling of the High Frequency Electromagnetic Devices – HAMFRED	Matematica si Informatica	PE6_9	Scientific computing
297	PN-II-ID-PCE-2012-4-0317	Tiplea	Ferucio Laurentiu	Universitatea "Alexandru Ioan Cuza" din Iasi	Verificarea corectitudinii retelelor workflow	Soundness Verification of Workflow Nets	Matematica si Informatica	PE6_6	Informatics and information systems
298	PN-II-ID-PCE-2012-4-0318	MIRCEAN	Viorica	University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca	Izolarea si identificarea biomoleculara a dermatofitilor zoofili si evaluarea impactului asupra organismului gazda	Bimolecular isolation and identification of zoophilic dermatophytes and evaluation of their impact on the host	Medicina	LS6_13	Veterinary medicine
299	PN-II-ID-PCE-2012-4-0319	Morari	Cristian	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU TEHNOLOGII IZOTOPICE SI MOLECULARE CLUJ-NAPOCA	Calculul de precizie al proprietatilor fizice si chimice in structuri dedicate electronicii moleculare	Toward the realistic computation of physical and chemical properties in molecular electronics devices	Chimie	PE4_15	Theoretical and computational chemistry
300	PN-II-ID-PCE-2012-4-0320	Mihalache	Emanuel-Andi	Romanian Academy - Iasi Branch	Memorii concurente si strategii patrimoniale in Romania moderna (1866-1916)	Competing memories and patrimonial strategies in modern Romania (1866–1916)	Stiinte umaniste	SH6_5	Modern and contemporary history

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301	PN-II-ID-PCE-2012-4-0321	Badanoiu	Alina Ioana	Universitatea Politehnica Bucuresti	Compozite liante organo-minerale cu capacitate de auto reparare	Organo-mineral cementitious composites with potential self-healing ability	Stiinta materialelor	PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors
302	PN-II-ID-PCE-2012-4-0322	Popa	Dorian	Technical University of Cluj-Napoca	Solutii aproximative, incluziuni functionale cu aplicatii la stabilitatea unor ecuatii si operatori.	Approximate solutions, functional inclusions with applications to the stability of equations and operators.	Matematica si Informatica	PE1_8	Analysis
303	PN-II-ID-PCE-2012-4-0323	Cliveti	Gheorghe	Alexandru Ioan Cuza University Iasi	Reprezentari identitare si strategii de politica externa a Romaniei, 1866-1919	Identity Representations and Romania's Foreign Policy Strategies, 1866-1919	Stiinte umaniste	SH6_5	Modern and contemporary history
304	PN-II-ID-PCE-2012-4-0324	Breaz	Valer Daniel	1 Decembrie 1918 University of Alba Iulia	Matematica aplicata in analiza cartografica comparativa a hartilor iosefine si a materialelor cartografice recente din Transilvania	Mathematics Applied in the Comparative Cartographical Analysis of Joseph II Maps and Recent Cartographical Materials concerning Transylvania	Matematica si Informatica	PE1_18	Application of mathematics in sciences
305	PN-II-ID-PCE-2012-4-0325	Rimbu	Norel	Univesity of Bucharest	Variabilitatea si predictibilitatea blocajului atmosferic in regiunea Atlanticului de Nord la scara interanuala si multidecenala	Interannual to multidecadal variability and predictability of atmospheric blocking in the North Atlantic region	Stiintele pamantului	PE10_2	Meteorology, atmospheric physics and dynamics
306	PN-II-ID-PCE-2012-4-0326	Galaction	Anca Irina	"Gr.T.Popa" University of Medicine and Pharmacy Iasi	Sisteme neconventionale utilizate in fermentatia aeroba - Utilizarea oxigen-vectorilor in biosinteza compusilor bioactivi	Non-conventional systems for aerobic fermentation - Utilisation of oxygen-vectors in biosynthesis of bioactive compounds	Stiinte ingineresti	PE8_2	Chemical engineering, technical chemistry

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307	PN-II-ID-PCE-2012-4-0327	Raduta	Alexandru	National Institute of Physics and Nuclear Engineering - Horia Hulubei	Studii avansate asupra multifragmentarii nucleare, structurii nucleare si a clusterilor atomici	Advanced studies on nuclear multifragmentation, nuclear structure and atomic clusters	Fizica	PE2_3	Nuclear physics
308	PN-II-ID-PCE-2012-4-0328	Szatmari	Szabolcs	University of Medicine and Pharmacy Tg. Mures	Declinul cognitiv la pacienți cu diabet zaharat tip 2, un studiu translațional: de la bazele genetice până la managementul pacienților	Cognitive decline in patients with type 2 diabetes, a translational study: from the genetic background to the patient management	Biologie si Ecologie	LS5_11	Neurological disorders (e.g. Alzheimer's disease, Huntington's disease, Parkinson's disease)
309	PN-II-ID-PCE-2012-4-0329	Damian	Grigore	"Babes-Bolyai" University	Metode RPE avansate de detectie si caracterizare a radicalilor liberi din sisteme biomedicale	Advanced EPR methods of detection and characterization of free radicals in bio-medical systems	Biologie si Ecologie	LS1_6	Biophysics
310	PN-II-ID-PCE-2012-4-0330	BASTIAN	ALEXANDRA EUGENIA	Colentina University Hospital	Abordare complexă a leziunilor morfologice ale sistemului nervos autonom gastric induse de Helicobacter pylori.	Complex approach of Helicobacter pylori-related morphologic alterations of gastric autonomous nerve system.	Biologie si Ecologie	LS5_2	Neurophysiology
311	PN-II-ID-PCE-2012-4-0331	Manda	Gina	Victor Babes National Institute of Pathology	Studiul sistematic al monocitelor in artrita reumatoida-definirea unui senzor celular pentru activitatea bolii si eficienta terapiei	Systematic study of monocytes in rheumatoid arthritis-toward defining a cellular sensor for disease activity and treatment effectiveness	Medicina	LS6_1	Innate immunity
312	PN-II-ID-PCE-2012-4-0332	Afana Parpală	Emilia	University of Craiova	Poezia românească și interdisciplinaritatea post-postmodernă.Comunicare și cunoștințe	Romanian Poetry and the Post-postmodern Interdisciplinarity. Communication and Cognition	Stiinte umaniste	SH5_3	Literary theory and comparative literature, literary styles

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313	PN-II-ID-PCE-2012-4-0333	Dan	Daniel	POLITEHNICA UNIVERSITY OF TIMISOARA	Sisteme Structurale Inovative Compuse Otel-Beton pentru Cladiri amplasate in Zone Seismice	Innovative Composite Steel - Concrete Structural Systems for Buildings placed in Seismic Areas	Stiinte ingineresti	PE8_3	Civil engineering, maritime/hydraulic engineering, geotechnics, waste treatment
314	PN-II-ID-PCE-2012-4-0334	Stefanescu	Mircea	Universitatea Politehnica din Timisoara	Dezvoltarea de oxizi nanostructurati ai metalelor tranzitionale cu proprietati tinta pentru aplicatii tehnologice si biomedicale	Development of nanostructured transition metal oxides with targeted properties for technological and biomedical applications	Stiinte ingineresti	PE8_9	Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...)
315	PN-II-ID-PCE-2012-4-0335	VASILE	CORNELIA	"Petru Poni" Institute of Macromolecular Chemistry	Materiale/Suprafete polimerice active/bioactive/receptive cu proprietăți și aplicații speciale	Active/Bioactive/Responsive polymeric materials/surfaces with special properties and applications	Stiinta materialelor	PE5_12	Intelligent materials - self assembled materials
316	PN-II-ID-PCE-2012-4-0336	Risnoveanu	Geta	University of Bucharest	Structura si distributia comunitatilor de nevertebrate necrofage si semnificatia lor pentru serviciile ecosistemice (Insulele Brailei- NECROSERV	Habitat based spatiotemporal distribution of necrophagous insect assemblages and their significance for ecosystem services (Braila Island) - NECROSERV	Biologie si Ecologie	LS8_1	Ecology (theoretical, community, population, microbial, evolutionary ecology)
317	PN-II-ID-PCE-2012-4-0337	Litescu	Simona Carmen	Institutul National de Cercetare Dezvoltare pentru Stiinte Biologice Bucuresti	SISTEM COMPLEX PE BAZA DE SENZORI PENTRU MONITORIZAREA TOXICITATII/GENOTOXICITATII UNOR COMPUSI DE TIP ENDOCRIN-DISRUPTOR	ARRAY SENSING DEVICES FOR MONITORING OF ENDOCRINE DISRUPTOR COMPOUNDS TOXICITY/GENOTOXICITY	Chimie	PE4_9	Electrochemistry, electrodialysis, microfluidics
318	PN-II-ID-PCE-2012-4-0338	Gaina	Constantin	Petru Poni Institute of Macromolecular Chemistry	Rețele poliuretanice autoreparabile inteligente	Smart healable polyurethane networks	Stiinta materialelor	PE5_1	Structural properties of materials

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319	PN-II-ID-PCE-2012-4-0339	Nemes	Gabriela-Nicoleta	Babes-Bolyai University, Cluj-Napoca	Analogi grei ai carbenelor cu unitati fosfaalchenil, utilizati ca liganzi in chimia metalelor tranzitionale	Heavy analogues of carbenes containing phosphalkenyl units, as ligands in the chemistry of transition metals	Chimie	PE5_24	Molecular chemistry
320	PN-II-ID-PCE-2012-4-0340	MARDARE	DIANA MIHAELA	Universitatea "Alexandru Ioan Cuza" din Iasi	STRATURI SUBȚIRI SEMICONDUCTOARE OXIDICE CU APLICAȚII ÎN PROTECȚIA MEDIULUI	SEMICONDUCTING THIN FILMS OXIDES WITH APPLICATIONS IN ENVIRONMENTAL PROTECTION	Știința materialelor	PE5_4	Thin films
321	PN-II-ID-PCE-2012-4-0341	IXARU	LIVIU	Institutul National de Cercetare Pentru Fizica si Inginerie Nucleara Horia Hulubei IFIN HH din Bucuresti	Noi metode numerice si coduri pentru ecuatia Schrödinger de canale cuplate	New numerical methods and codes for the coupled-channel Schrödinger equation	Fizica	PE1_12	Mathematical physics
322	PN-II-ID-PCE-2012-4-0342	Tosa	Valer	National Institute for R&D Isotopic and Molecular Technologies	Generarea unui puls de attosecunde cu pulsuri de femtosecunde	Single attosecond pulse generation by femtosecond waveforms	Fizica	PE2_8	Optics and quantum optics
323	PN-II-ID-PCE-2012-4-0343	PETRONELA	NECHITA	PULP AND PAPER RESEARCH AND DEVELOPMENT INSTITUTE - CEPROHART SA	Dezvoltarea unor noi produse fibroase si hartii cu proprietati bioactive destinate obtinerii ambalajelor si produselor igienice	Development of new BIO-active PAPER based materials and fibre products for packaging and hygiene applications - BIOPAPER	Știința materialelor	PE5_12	Intelligent materials - self assembled materials
324	PN-II-ID-PCE-2012-4-0344	NECHIFOR	MIHAI	UNIVERSITY OF MEDICINE AND PHARMACY GRIGORE T POPA - IASI	Influenta magneziului, zincului, cuprului si manganului asupra unor neuroprotectori implicati in dependenta experimentală de morfina	Magnesium, zinc, copper and manganese influence on some neurotransmitters involved in experimental induced morphine physical dependence	Biologie si Ecologie	LS5_3	Neurochemistry and neuropharmacology

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325	PN-II-ID-PCE-2012-4-0345	Berinde	Vasile	Universitatea Tehnica din Cluj-Napoca Centrul Universitar Nord din Baia Mare	Metode iterative de tip punct fix pentru rezolvarea ecuatiilor functionale neliniare si a problemelor de optimizare	Fixed Point Iterative Methods for Solving Nonlinear Functional Equations and Optimization Problems	Matematica si Informatica	PE1_8	Analysis
326	PN-II-ID-PCE-2012-4-0346	Imre	Silvia	University of Medicine and Pharmacy from Tirgu Mures	Transferul medicamentelor in laptele matern - studiu experimental, implicatii clinice si conditii de siguranta alimentara	Drug transfer into breast milk – experimental study, clinical issues and food safety conditions	Medicina	LS7_3	Pharmacology, pharmacogenomics, drug discovery and design, drug therapy
327	PN-II-ID-PCE-2012-4-0347	Lorinczi	Adam	National Institute of Materials Physics	Fotodifuzia de metale in straturi calcogenice pentru obtinerea de fotorezist de inalta rezolutie	Metal photodiffusion in chalcogenide films for high-resolution photoresist applications	Stiinta materialelor	PE5_2	Solid state materials
328	PN-II-ID-PCE-2012-4-0348	Stefan	Mariana	National Institute of Materials Physics	Efectul centrilor de defecte asupra proprietatilor spectrale ale nanoparticulelor oxidice	Effect of the defect centers on the spectral properties of oxide nanoparticles	Fizica	PE3_12	Nanophysics: nanoelectronics, nanophotonics, nanomagnetism
329	PN-II-ID-PCE-2012-4-0349	Munteanu	Daniel	Transilvania University	Dezvoltarea de noi straturi superficiale de tip DLC, cu rol tribologic si rezistente la coroziune	Developing of new tribological DLC coating systems with enhanced corrosion resistance	Stiinta materialelor	PE5_5	Corrosion
330	PN-II-ID-PCE-2012-4-0350	Petrescu	Stefana-Maria	Institute of Biochemistry	Selectia cailor de degradare a proteinelor in patologia bolilor umane	Selection of protein degradative pathways in the pathogenesis of human diseases	Biologie si Ecologie	LS1_5	Protein synthesis, modification and turnover

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331	PN-II-ID-PCE-2012-4-0351	Girbea	Catalina	Universitatea Bucuresti	Heraldica imaginara si identitate in Evul Mediu (secolele XIII-XV)	Imaginary Heraldry and Identity in the Middle Ages (XIth-XVth Centuries)	Stiinte umaniste	SH5_2	History of literature
332	PN-II-ID-PCE-2012-4-0352	BADEA	LIVIU	Institutul Național de Cercetare-Dezvoltare în Informatică - I.C.I. București	Sistem inteligent pentru descoperirea de markeri genomici in cancer aplicabili pentru diagnoza si terapie personalizata	Intelligent discovery system for genomic cancer markers applied to personalized diagnosis and therapy	Matematica si Informatica	PE6_8	Intelligent systems
333	PN-II-ID-PCE-2012-4-0353	Alexandru	Catalin	Universitatea Transilvania din Brasov	Cercetarea sistemelor de orientare inteligente utilizate pentru cresterea eficientei sirurilor fotovoltaice	Researches on the intelligent tracking systems used for increasing the efficiency of the photovoltaic strings	Matematica si Informatica	PE6_8	Intelligent systems
334	PN-II-ID-PCE-2012-4-0354	Filip	Claudiu	National Institute for Research and Development of Isotopic and Molecular Technologies	Dezvoltari in cristalografia RMN pentru caracterizarea structurala a solidelor organice in pulbri microcristaline: metodologie si aplicatii	Advances in NMR Crystallography for structural characterization of organic solids from microcrystalline powders: methodology and applications	Chimie	PE4_4	Molecular architecture and Structure
335	PN-II-ID-PCE-2012-4-0355	Isvoran	Adriana	West UIniversity of Timisoara	Caracterizarea bioinformatica a interactiunilor caveolinei 1	Bioinformatics characterization of caveolin-1 interactions	Biologie si Ecologie	LS1_6	Biophysics
336	PN-II-ID-PCE-2012-4-0356	ILIE	Mariana	Politehnica University of Timisoara, Mechanical Faculty	Abordarea integrată a sudarii metal-polimer cu fascicul laser	Integrated approach of metal-polymer laser welding	Stiinte ingineresti	PE8_8	Mechanical and manufacturing engineering (shaping, mounting, joining, separation)

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337	PN-II-ID-PCE-2012-4-0357	Shafir	Michael	the Cluj-Napoca Branch of the Romanian Academy, the "Gheorghe Sincai" Institute for Social Sciences and the Humanities, Targu Mures	Istorie, memorie si mit in Europa Central Rasariteana in perioada post-comunista	History, Memory and Myth in Post-Communist East-Central Europe	Stiinte umaniste	SH6_11	Collective memories, identities, lieux de m
338	PN-II-ID-PCE-2012-4-0358	Herisanu	Nicolae	Politehnica University of Timisoara	Abordari analitice ale vibratiilor neliniare in sisteme mecanice	Analytical approaches to nonlinear vibrations in mechanical systems	Stiinte ingineresti	PE8_8	Mechanical and manufacturing engineering (shaping, mounting, joining, separation)
339	PN-II-ID-PCE-2012-4-0359	Cristiana	Radulescu	Valahia University of Targoviste	Biodegradarea si fitodegradarea unor coloranti cationici si naturali din ape reziduale	Microbial degradation and phytodegradation of some cationic and natural dyes from wastewater	Stiintele vietii aplicate si Biotehnologii	LS9_9	Biotechnology, bioreactors, applied microbiology
340	PN-II-ID-PCE-2012-4-0360	Giuclea	Marius	The Bucharest University of Economic Studies	Elaborarea unui model de management pentru intreprinderile sociale din Romania, in contextul aplicarii Strategiei Uniunii Europene 2020	Management model's development for social enterprises in Romania, in the context of applying EU Strategy 2020	Stiinte sociale si economice	SH1_5	Competitiveness, innovation, research and development
341	PN-II-ID-PCE-2012-4-0361	Rusu	Mugurel Constantin	The National Institute of Research and Development for Biological Sciences	Ganglionii trigeminal si pterigopalatin neexplorati	The unexplored trigeminal and pterygopalatine ganglia	Biologie si Ecologie	LS3_7	Cell signalling and cellular interactions
342	PN-II-ID-PCE-2012-4-0362	Ghica	Corneliu	National Institute of Materials Physics	Structura la rezolutie atomica si fenomene la interfata in materiale inteligente modulate la scala nanometrica	Atomically resolved structure and interface related phenomena in nano-scale modulated smart materials	Chimie	PE5_19	Characterization methods of materials

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343	PN-II-ID-PCE-2012-4-0364	GILLE	PHILIPPE	"Simon Stoilow" Institute of Mathematics of the Romanian Academy	Spatii omogene in aritmetica	ARITHMETIC HOMOGENEOUS SPACES	Matematica si Informatica	PE1_2	Algebra
344	PN-II-ID-PCE-2012-4-0365	Sasu	Bogdan	West University of Timisoara	ASPECTE CALITATIVE IN TEORIA SISTEMELOR DINAMICE SI APLICATII IN STIINTE	QUALITATIVE ASPECTS IN DYNAMICAL SYSTEMS THEORY AND APPLICATIONS IN SCIENCES	Matematica si Informatica	PE1_10	ODE and dynamical systems
345	PN-II-ID-PCE-2012-4-0366	Chirita	Paul	University of Craiova	Studiul efectului exercitat de formarea stratului bogat in sulf asupra dizolvării monosulfurilor de fier	The study of the effect of sulfur rich layer formation on dissolution of iron monosulfide	Chimie	PE5_13	Environment chemistry
346	PN-II-ID-PCE-2012-4-0367	Barcau	Alexandru Mugurel	Institute of Mathematics Simion Stoilow of the Romanian Academy	Operatori aritmetici diferentiali	Arithmetic Differential Operators	Matematica si Informatica	PE1_3	Number theory
347	PN-II-ID-PCE-2012-4-0368	Constantinescu	Dan Mihai	University POLITEHNICA of Bucharest	Evaluarea parametrilor constitutivi ai modelelor zonelor coezive pentru îmbinările lipite cu adezivi	Assessment of constitutive parameters in cohesive zone models of adhesively bonded joints	Stiinte ingineresti	PE8_8	Mechanical and manufacturing engineering (shaping, mounting, joining, separation)
348	PN-II-ID-PCE-2012-4-0369	Nicoara	Toader	Universitatea Babeş-Bolyai Cluj-Napoca	Statul modern şi disciplinarea socială (secolele XVIII - XIX)	The Modern State and Social Disciplination (18th - 19th centuries)	Stiinte umaniste	SH6_5	Modern and contemporary history

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349	PN-II-ID-PCE-2012-4-0370	BENEA	Lidia	Dunarea de Jos University of Galati	Noi functionalizari hibride (anorganic – organic) a suprafetelor biomaterialelor (metale, aliaje) cu molecule bioactive prin tehnici electrochimice	New hybrid (inorganic-organic) functionalization of biomaterials (metals alloys) surfaces with functional molecules by electrochemical techniques	Stiinte ingineresti	PE8_9	Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...)
350	PN-II-ID-PCE-2012-4-0371	Dita	Petre	Horia Hulubei National Institute of Physics and Nuclear Engineering-IFIN-HH	Fizica Flavor in Sectoarele Cuarcilor si Leptonilor	Flavour Physics in Quark and Neutrino Sectors	Fizica	PE2_2	Particle physics
351	PN-II-ID-PCE-2012-4-0372	Hamciuc	Corneliu	"Petru Poni" Institute of Macromolecular Chemistry, Iasi	Dezvoltarea de materiale performante pe baza de noi structuri polimerice pentru aplicatii avansate (optoelectronica, electronica, actuatori)	Development of high performance materials based on novel polymer structures for advanced applications (optoelectronics, electronics, actuators)	Stiinta materialelor	PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors
352	PN-II-ID-PCE-2012-4-0373	Marcu	Ioan-Cezar	UNIVERSITATEA DIN BUCURESTI	Catalizatori pe baza de ferospineli nanostructurati pentru distrugerea compusilor organici volatili	Nanostructured ferros spinel-based catalysts for volatile organic compounds abatement	Chimie	PE5_18	Homogeneous and heterogeneous catalysis
353	PN-II-ID-PCE-2012-4-0374	Pacurar	Daniel-Ioan	Universitatea de Stiinte Agricole si Medicina Veterinara Cluj Napoca	Studiul mecanismelor moleculare care controleaza formarea radacinilor adventive	Adventitious root formation – unraveling the molecular mechanisms controlling an important agricultural trait (AdRootT)	Biologie si Ecologie	LS3_10	Development, developmental genetics, pattern formation and embryology in plants
354	PN-II-ID-PCE-2012-4-0375	BURNEI	Gheorghe	NATIONAL INSTITUTE OF RESEARCH AND DEVELOPMENT FOR MECHATRONICS AND MEASUREMENT TECHNIQUE	TRATAMENTUL SINOSTOZEI CONGENITALE PRIN DEZVOLTAREA UNOR IMPLANTURI ADAPTATE ANATOMIEI PACIENTULUI UTILIZAND RECONSTRUCTIA 3D A SCHELETULUI	TREATMENT OF CONGENITAL SYNOSTOSIS BY DEVELOPMENT OF IMPLANTS ADAPTED TO PATIENTS ANATOMY USING 3D SKELETAL RECONSTRUCTION	Medicina	LS7_1	Medical engineering and technology

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355	PN-II-ID-PCE-2012-4-0376	Vajaitu	Marian	Institute of Mathematics Simion Stoilow of the Romanian Academy	Functii Analitice p-Adice si Distributii de Siruri	p-Adic Analytic Functions and Distributions of Sequences	Matematica si Informatica	PE1_3	Number theory
356	PN-II-ID-PCE-2012-4-0377	Kassinove	Howard	University of Oradea	Mecanismul schimbarii in bullying si victimizare	The mechanism of change in bullying and victimization	Stiinte sociale si economice	SH4_4	Clinical and experimental psychology
357	PN-II-ID-PCE-2012-4-0378	VILCU	Costin	Institute of Mathematics ``Simion Stoilow'' of the Romanian Academy	Contributii la geometria suprafetelor convexe	Contributions to the geometry of convex surfaces	Matematica si Informatica	PE1_5	Geometry
358	PN-II-ID-PCE-2012-4-0379	Marinescu	Valentina	Universitatea din Bucuresti	Pornografia in Romania - O abordare sociologica	Pornography in Romania -A sociological approach	Stiinte sociale si economice	SH2_3	Kinship, cultural dimensions of classification and cognition, individual and social identity, gender
359	PN-II-ID-PCE-2012-4-0380	Dimitriu	Raluca	Academy of Economic Studies	Munca precara in noile state membre ale Uniunii Europene. Cazul Romaniei	Precarious Work in the new Member States of the European Union. The case of Romania	Stiinte sociale si economice	SH2_10	Private, public and social law
360	PN-II-ID-PCE-2012-4-0381	Marcu	Aurelian	National Institute for Laser Plasma and Radiation Physics	Controlulul in Camp Electric a Proprietatilor Nanostructurilor de ZnO Crescute cu Catalizatori Lichizi	Field Assisted Properties Control of ZnO Nanostructure Grown with Liquid Catalyst	Stiinta materialelor	PE5_10	Nanomaterials : nanoparticles, nanotubes

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361	PN-II-ID-PCE-2012-4-0382	Radu	Mihai	Horia Hulubei National Institute of Physics and Nuclear Engineering	Efectul scaderii colesterolului si al stresului oxidativ in modele de co-cultura oligodendrocite/neuroni	Cholesterol lowering drugs and oxidative stress effects induced on oligodendrocyte/neuron co-culture models	Biologie si Ecologie	LS5_11	Neurological disorders (e.g. Alzheimer's disease, Huntington's disease, Parkinson's disease)
362	PN-II-ID-PCE-2012-4-0383	Maniu	Horia	Institute of Cellular Biology and Pathology "Nicolae Simionescu" - ICBP NS	Identificarea de noi markeri transcriptomici specifici celulelor fetale mezenchimale cu potential terapeutic in ingineria tisulara vasculara	Identification of novel transcriptomic markers specific to fetal mesenchymal stem cells with therapeutic potential in vascular tissue engineering	Biologie si Ecologie	LS3_12	Stem cell biology
363	PN-II-ID-PCE-2012-4-0384	Aurel	PUI	Universitatea "Alexandru Ioan Cuza" din Iasi	Biocatalizatori sintetici	Synthetic biocatalysts	Chimie	PE5_14	Coordination chemistry
364	PN-II-ID-PCE-2012-4-0385	Spinei	Victor	Universitatea "Alexandru Ioan Cuza" din Iasi	Profil diacronic al istoriografiei romanesti. Prospectare enciclopedica, I, Moldova	A diachronic profile of the Romanian historiography. Encyclopaedical prospecting, I, Moldavia	Stiinte umaniste	SH6_8	Historiography, theory and methods of history
365	PN-II-ID-PCE-2012-4-0386	Rusz-Fogarasi	Eniko	Babes-Bolyai University	Patrimoniul alimentar al Principatului Transilvaniei	The Food Patrimony of the Principality of Transylvania	Stiinte umaniste	SH6_4	Medieval history
366	PN-II-ID-PCE-2012-4-0387	Bostan	Marinela	Stefan S. Nicolau Institute of Virology(IVN)	Impactul stresului oxidativ asupra mecanismelor celulare și moleculare în artrita reumatoida: noi perspective terapeutice	The impact of oxidative stress on the cellular and molecular mechanisms in rheumatoid arthritis: new therapeutic perspectives	Biologie si Ecologie	LS3_7	Cell signalling and cellular interactions

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367	PN-II-ID-PCE-2012-4-0388	Predoi	Daniela	National Institute of Materials Physics	Nanoparticule elaborate pentru remedierea de situri contaminate	Nanoengineered particles for contaminated sites remediation	Stiintele pamantului	PE10_17	Hydrology, water and soil pollution
368	PN-II-ID-PCE-2012-4-0389	NICOLOV	MIRELA	AUREL VLAICU UNIVERSITY OF ARAD	Contributii privind rolul cercetarii dezvoltarii inovarii in cresterea economica-aproximatii bazate pe modele fizice	Contributions concerning the role of research development and innovation in economic growth - approaches based on the physical models	Stiinte sociale si economice	SH1_5	Competitiveness, innovation, research and development
369	PN-II-ID-PCE-2012-4-0390	Petris	Adrian	Institutul National de Cercetare - Dezvoltare pentru Fizica Laserilor, Plasmei si Radiatiei	Explorarea si controlul neliniaritatilor optice de ordin superior excitate cu pulsuri de femtosecunde in materiale nano-structurate	Exploring and controlling femtosecond excited high-order optical nonlinearities in nano-structured materials	Fizica	PE2_8	Optics and quantum optics
370	PN-II-ID-PCE-2012-4-0391	Tomescu	Emiliea-Domnita	Universitatea Petrol-Gaze Ploiesti	Numele proprii literare romanesti ca marci identitare in contextul globalizarii	Romanian Literary Names as Marks of Identity within the Context of Globalization	Stiinte umaniste	SH5_11	Cultural studies, cultural diversity
371	PN-II-ID-PCE-2012-4-0392	Mihai	Ion	University of Bucharest	Teme Moderne de Cercetare in Teoria Subvarietatilor	Modern Research Topics in Submanifold Theory	Matematica si Informatica	PE1_5	Geometry
372	PN-II-ID-PCE-2012-4-0393	Patrut	Adrian	Babes-Bolyai University	Cercetări noi în dendrocronologie și modificări climatice prin datare cu radiocarbon prin AMS/CFAMS și analiză de izotopi stabili	New research in dendrochronology and environmental climate change by using AMS/CFAMS radiocarbon dating and stable isotope analysis	Stiintele vietii aplicate si Biotehnologii	LS9_7	Forestry, biomass production (e.g. for biofuels)

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373	PN-II-ID-PCE-2012-4-0394	Meltzer	Viorica	University of Bucharest	Studiul fizico-chimic al unor amestecuri multicomponente cu potentiala aplicare biomedicala	Physico-chemical study of multicomponent mixtures with potential biomedical application	Chimie	PE4_1	Physical chemistry
374	PN-II-ID-PCE-2012-4-0395	Cismasiu	Valeriu	„Victor Babes” National Institute of Research and Development in Pathology and Biomedical Sciences	MicroARN-urile ca reglatori ai proprietăților celulelor stem leucemice critice în recidiva cancerului: localizarea în nișă și latentă	MicroRNAs as regulators of leukemic stem cell properties critical in cancer relapse: niche homing and quiescence	Biologie si Ecologie	LS3_12	Stem cell biology
375	PN-II-ID-PCE-2012-4-0396	Popescu	Mihai	National Institute for Materials Physics	Senzori chimici activati de lumina, din straturi subtiri complexe Langmuir-Blodgett.	Light activated chemical sensors based on complex Langmuir-Blodgett films.	Stiinta materialelor	PE5_9	Materials for sensors
376	PN-II-ID-PCE-2012-4-0397	Raducanu	Doina	University Politehnica of Bucharest	Ultra-rezistenta indusa prin Strain Engineering in aliaje β -Titan; mecanisme de control	Ultra-strength controlling mechanisms by Strain Engineering in β -Ti alloys	Stiinte ingineresti	PE8_9	Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...)
377	PN-II-ID-PCE-2012-4-0398	Kellenberger	Andrea	University Politehnica of Timisoara	Nou concept de fabricare a electrozilor conductori, transparenti si flexibili, pe baza de nanofibre de argint/polianilina pentru celule solare	New fabrication concept of silver nanowire/polyaniline transparent, conductive and flexible electrodes for solar cells	Stiinta materialelor	PE5_4	Thin films
378	PN-II-ID-PCE-2012-4-0399	Cristea	Castelia	Universitatea Babes-Bolyai	Metode ale chimiei verzi aplicate in sinteza unor azaheterocicluri cu proprietati luminescente	Green synthetic methodology for azaheterocycles with luminiscent properties	Chimie	PE5_23	Organic chemistry

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379	PN-II-ID-PCE-2012-4-0400	SĂLĂGEAN	MARCELA	Babeş-Bolyai University	TRANSFORMAREA STRUCTURILOR SI FUNCTIILOR ADMINISTRATIVE DIN ROMANIA INTRE 1919-2014. DE LA CENTRALISM LA REGIONALISM	THE TRANSFORMATION OF THE ADMINISTRATIVE STRUCTURES AND FUNCTIONS IN ROMANIA BETWEEN 1919-2014. FROM CENTRALISM TO REGIONALISM	Stiinte umaniste	SH6_5	Modern and contemporary history
380	PN-II-ID-PCE-2012-4-0401	Preda	Titi	Institute of Space Science	Metode analitice si Monte Carlo pentru studiul senzorilor din FCAL	Analitical and Monte Carlo methods for FCAL sensors studies	Fizica	PE2_2	Particle physics
381	PN-II-ID-PCE-2012-4-0402	Coca	Cornelia	Horia Hulubei National Institute for Physics and Nuclear Engineering - IFIN HH	Studii si optimizare asupra calorimetrelor din regiunea foarte inainte a detectorilor unui collider linear electron-pozitron	Research and optimization of very forward calorimeters for detectors at future e+e-colliders	Fizica	PE2_2	Particle physics
382	PN-II-ID-PCE-2012-4-0403	Filip	Gabriela Adriana	University of Medicine and Pharmacy "Iuliu Hatieganu"	Calea PTEN-Akt-COX-2: tinta pentru Hippophaë rhamnoides L. si Lycium barbarum in culturi de keratinocyte si pe model de carcinogeneza la soarece	PTEN-Akt-COX-2 pathway: targets for Hippophaë rhamnoides L. and Lycium barbarum in normal human keratinocytes and a skin carcinogenesis mouse model	Biologie si Ecologie	LS1_8	Biochemistry of signal transduction
383	PN-II-ID-PCE-2012-4-0404	NISTOR	CRISTINA LAVINIA	National Research & Development Institute for Chemistry and Petrochemistry ICECHIM	Rezervoare cu agenti de auto-reparare pentru acoperiri inteligente, bazate pe micro-particule de silice mezoporoase	Self-healing agents containers for smart coatings, based on microscale mesoporous silica particles	Stiinta materialelor	PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors
384	PN-II-ID-PCE-2012-4-0405	Niculescu	Ecaterina Cornelia	Universitatea Politehnica Bucuresti	Controlul proprietatilor optoelectronice ale nanostructurilor semiconductoare in camp laser prin efectul de confinare dielectrica	Tailoring the optoelectronic properties of laser-driven semiconductor nanostructures by the dielectric confinement effect	Fizica	PE3_12	Nanophysics: nanoelectronics, nanophotonics, nanomagnetism

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385	PN-II-ID-PCE-2012-4-0406	Repovs	Dusan	University of Craiova	Metode Topologice și Geometrice în Analiza Neliniară	Topological and geometrical methods in nonlinear analysis	Matematica si Informatica	PE1_11	Partial differential equations
386	PN-II-ID-PCE-2012-4-0407	HENTEA	Calin	Societatea Stiintifica Romana de Cercetari Interdisciplinare	PERCEPȚII asupra inamicului în propaganda statelor comuniste est-europene in timpul Razboiului Rece	ENEMY PERCEPTIONS IN THE PROPAGANDA OF EAST-EUROPEAN COMMUNIST STATES DURING THE COLD WAR	Stiinte umaniste	SH6_7	Military history
387	PN-II-ID-PCE-2012-4-0408	Bușă	Daniela Victoria	Institutul de Istorie "Nicolae Iorga", București	Elita politică românească și strategia integrării în modelul occidental. Surse documentare externe (1848-1914)	The Romanian Political Elite and the Strategy of Integration in the Western Pattern. Foreign Documentary Sources (1848-1914)	Stiinte umaniste	SH6_5	Modern and contemporary history
388	PN-II-ID-PCE-2012-4-0409	Motofei	Ion	Carol Davila University of Medicine and Pharmacy Bucharest	Corelatiile cerebrale existente intre procesele sexuale si cele psihosomatice ar putea sta la originea a doua profile distincte biopsihosexuale la om	Existing cerebral correlations between sexual and psychosomatic processes could stay at origin of two distinct bio-psycho-sexual profiles in humans	Biologie si Ecologie	LS4_3	Endocrinology
389	PN-II-ID-PCE-2012-4-0410	ROMINU	MIHAI	Victor Babes University of Medicine and Pharmacy Timisoara, Romania	Aspecte de mecatronica, optoelectronica si radiatie tip sincrotron ale diferitelor biomateriale si interfetelor acestora	Mechatronic, Optoelectronic and Synchrotron Radiation Aspects of Different Biomaterials and Their Interfaces	Medicina	LS7_2	Diagnostic tools (e.g. genetic, imaging)
390	PN-II-ID-PCE-2012-4-0411	Bodiu	Andrei	Transilvania University of Brasov	Reinvestigarea critică și performativă a funcției sociale a poeziei românești contemporane. O arhivă vizuală a prezenței poetice.	A Critical and Performative Reinvestigation of the Social Function of Contemporary Romanian Poetry. A Visual Archive of the Poetic Presence	Stiinte umaniste	SH5_2	History of literature

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391	PN-II-ID-PCE-2012-4-0412	Benga	Daniel	University of Bucharest	Imaginarea mentală a creștinismului răsăritean după descrierile de călătorie apusene din a doua jumătate a secolului al XVI-lea	The Mental Imagery of Eastern Christianity according to Western Travel Descriptions during the Second Half of 16th Century	Științe umaniste	SH2_4	Myth, ritual, symbolic representations, religious studies
392	PN-II-ID-PCE-2012-4-0413	Stoica	Adrian-Mihail	University Politehnica of Bucharest	Metode de control și de filtrare optimă pentru sisteme conectate în rețea prin canale de comunicații cu distorsiuni	Optimal Control and Filtering Methods for Networked Systems with Fading Communication Channels	Științe inginerești	PE7_1	Control engineering
393	PN-II-ID-PCE-2012-4-0414	Magdalena	Budisteanu	"Victor Babes" National Institute of Pathology	Abordarea integrată prin studii clinice, genetice și imunologice a tulburărilor din spectrul autist	Integrative approach by clinical, genetic and immunological studies of autistic spectrum disorders	Biologie și Ecologie	LS2_1	Genomics, comparative genomics, functional genomics
394	PN-II-ID-PCE-2012-4-0415	Rotaru	Petre	University of Craiova	Procesarea unor materiale biocompatibile și biologic active pentru îmbunătățirea implanturilor osoase	Processing of biocompatible and biologically active materials for enhancing bone implants	Chimie	PE4_7	Chemical physics
395	PN-II-ID-PCE-2012-4-0416	Pacureanu	Liliana Mioara	Institute of Chemistry Timisoara of Romanian Academy	Seturi Standard Pentru Validarea Metodelor de Screening Virtual cu Funcții Multiple	Multipurpose Benchmarking Validation Datasets for Virtual Screening	Chimie	PE4_15	Theoretical and computational chemistry
396	PN-II-ID-PCE-2012-4-0417	Stanciu	Luminita	Universitatea de Medicină și Farmacie "Iuliu Hatieganu" Cluj-Napoca	Citokinele de tip 2 interferează cu răspunsurile imune antimicrobiene și antivirale monocitare/macrofagice dependente de vitamina D	Type 2 cytokines interfere with vitamin-D dependent antimicrobial and antiviral immune responses in monocytes/macrophages	Medicină	LS6_1	Innate immunity

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397	PN-II-ID-PCE-2012-4-0418	Echim	Marius	National Institute for Lasers, Plasma and Radiation - Institute for Space Sciences	Turbulenta, intermitenta si transfer de energie in vantul solar si magnetosferele planetare	Turbulence, Intermittency and Multiscale transfer of Energy in the Solar-wind and planetary magnetosheaths (TIMESS)	Fizica	PE9_15	Space Sciences
398	PN-II-ID-PCE-2012-4-0419	Radu	Valentin	National History Museum of Romania	Apa in Neolithic...Intre aparenta simplitate si complexa realitate	Water in the Neolithic...Between the Apparent Simplicity and Complex Reality	Stiinte umaniste	SH6_1	Archaeology, archaeometry, landscape archaeology
399	PN-II-ID-PCE-2012-4-0420	Lucaci	Mariana	National Institute for Research and Development in Electrical Engineering ICPE-CA	Compozite nanostructurate cu matrice metalica ranforsate cu nanotuburi de carbon	Nanostructured METal matrix composites reinforced with carbon nanotubes	Stiinte ingineresti	PE8_9	Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...)
400	PN-II-ID-PCE-2012-4-0421	HADARUGA	NICOLETA	Banat's University of Agricultural Sciences and Veterinary Medicine of Timisoara	Nanoparticule acizi grasi omega-3 / ciclodextrine cu activitate antioxidanta, stabilitate si biodisponibilitate ridicate, pentru aplicatii alimentare	Omega-3 fatty acid / cyclodextrin nanoparticles for new food formulations with higher antioxidant activity, stability, and bioavailability	Stiintele vietii aplicate si Biotehnologii	LS9_6	Food sciences
401	PN-II-ID-PCE-2012-4-0422	Rotaru	Alexandru	"P. Poni" Institute of Macromolecular Chemistry	Complecsi de incluziune "gazda-oaspete"-o noua directie in studiul pozitionarii cu precizie a nano-obiectelor pe nanostructuri pe baza de ADN.	"Host-Guest" Inclusion Complexes - a New Route for the Precise Positioning and Study of Nano-Objects on the Surface of DNA Origami Nanostructures.	Stiinta materialelor	PE5_12	Intelligent materials - self assembled materials
402	PN-II-ID-PCE-2012-4-0423	Szentagotai Tatar	Aurora	Babes-Bolyai University	Emotiile legate de sine. Reglarea rusinii si vinovatiei si implicatiile acesteia pentru sanatatea mintala	Coping with Self-Conscious Emotions: The Regulation of Shame and Guilt and its Implications for Psychopathology	Stiinte sociale si economice	SH4_4	Clinical and experimental psychology

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403	PN-II-ID-PCE-2012-4-0424	Ovari	Tibor-Adrian	National Institute of Research and Development for Technical Physics - Institutul National de Cercetare-Dezvoltare pentru Fizica Tehnica	Modelarea teoretica a comportarii magnetice a firelor submicronice si nanofirelor feromagnetice amorfe obtinute prin racire rapida	Theoretical Modeling of the Magnetic Behavior of Rapidly Solidified Ferromagnetic Amorphous Submicron Wires and Nanowires	Stiinta materialelor	PE5_9	Materials for sensors
404	PN-II-ID-PCE-2012-4-0425	Retegan	Mihai	Societatea Stiintifică Română de Cercetări Interdisciplinare	A început Războiului Rece în România? România și Marile Puteri 1944 - 1947 - O abordare multi-arhivistică și multi-disciplinară	Has the Cold War Started in Romania? Romania's Relations with the Great Powers 1944 – 1947. A Multi-archival and Multi-disciplinary Appro	Stiinte umaniste	SH6_5	Modern and contemporary history
405	PN-II-ID-PCE-2012-4-0426	Pozna	Claudiu	Transilvania University from Brasov	O reprezentare unitara a cunostintelor si sistemelor dedicate agentilor inteligenti	A unitary knowledge and system representation for artificial intelligence agents	Matematica si Informatica	PE6_8	Intelligent systems
406	PN-II-ID-PCE-2012-4-0427	Popescu	Dumitru	Institute of Statistical Mathematics and Applied Mathematics	Lipozomul pulsatoriu-un posibil dispozitiv biotehologic pentru dozarea controlata a substantelor speciale in locuri greu accesibile din organism	The pulsatory liposome—a possible biotechnological device for controlled drug or special substances delivery to microsites hard accessible in organism	Biologie si Ecologie	LS1_6	Biophysics
407	PN-II-ID-PCE-2012-4-0428	Tutulan-Cunita	Andreea Cristina	Victor Babes National Institute of Pathology	Analiza genomica a raspunsului la medicamente la pacienti cu sindrom hiperkinetic cu deficit de atentie	Genome-wide analysis of drug responsiveness in attention deficit hyperactive disorder	Biologie si Ecologie	LS2_1	Genomics, comparative genomics, functional genomics
408	PN-II-ID-PCE-2012-4-0429	Rada	Elena Cristina	University POLITEHNICA of Bucharest	Tratament combinat avansat pentru: lixiviatul de la gropile de gunoi/MBT si solurile poluate direct, in vederea reducerii impactului asupra sanatatii.	Advanced combined treatment processes for MBT and landfills leachate and directly polluted soils in order to reduce the impact on human health/DEVIN.	Stiinte ingineresti	PE8_3	Civil engineering, maritime/hydraulic engineering, geotechnics, waste treatment

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409	PN-II-ID-PCE-2012-4-0430	Marin	Marin	TRANSILVANIA University of Brasov	DAMPING ENERGY RESPONSE OF THE STRUCTURES MADE BY COMPOSITE MATERIALS USING MICROSTRUCTURAL LEVEL MODELS	RASPUNSUL ENERGETIC DISIPATIV IN STRUCTURI DIN MATERIALE COMPOZITE MODELAT LA NIVEL MICROSTRUCTURAL	Stiinte ingineresti	PE8_8	Mechanical and manufacturing engineering (shaping, mounting, joining, separation)
410	PN-II-ID-PCE-2012-4-0431	Mureseanu	Mihaela	UNIVERSITY OF CRAIOVA	NANOCOMPOSITE HIBRIDE (BIO)ORGANICE-ANORGANICE.DE LA PROIECTARE MOLECULARA LA APLICATII IN CHIMIA VERDE	HYBRID (BIO)ORGANIC-INORGANIC NANOCOMPOSITES. FROM MOLECULAR DESIGN TO GREEN CHEMISTRY APPLICATIONS	Stiinta materialelor	PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors
411	PN-II-ID-PCE-2012-4-0432	Arama	Victoria	National Institute of Infectious Diseases "Prof. Dr. Matei Bals"	Evaluarea sindromului metabolic si a fibrozei in infectia cronica VHC prin noi biomarkeri si rolul lor predictiv in evolutia si raspunsul la tratament	Metabolic syndrome and fibrosis evaluation in chronic HCV infection by new biomarkers and their predictive role for prognosis and treatment response	Biologie si Ecologie	LS4_5	Metabolism, biological basis of metabolism related disorders
412	PN-II-ID-PCE-2012-4-0433	Hritcu	Doina	TECHNICAL UNIVERSITY GHEORGHE ASACHI IASI	NOI MATERIALE COMPOZITE PENTRU ACOPERIRI SUPERHIDROFOBE CU PROPRIETATI DE NEADERARE A GHETII	NEW COMPOSITE MATERIALS FOR SUPERHYDROPHOBIC COATINGS WITH ICE-REPELLANT PROPERTIES	Stiinta materialelor	PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors
413	PN-II-ID-PCE-2012-4-0434	Tanase	Dobre	Politehnica University of Bucharest	Investigarea proprietatilor de transport ale membranelor de bioceluloza si ale compozitelor hibride cu bioceluloza	Investigation of transport properties of bacterial cellulose membranes and bacterial cellulose hybrid composites	Stiinte ingineresti	PE8_2	Chemical engineering, technical chemistry
414	PN-II-ID-PCE-2012-4-0435	Weindorf	David	Universitatea de Științe Agricole și Medicină Veterinară Cluj (USAMV Cluj)	Evaluarea rapidă a solurilor contaminate cu metale grele prin intermediul spectrometriei portabile de fluorescența cu raze X în România	Rapid assessment of heavy metal contaminated soils via portable x-ray fluorescence spectrometry in Romania	Stiintele pamantului	PE10_17	Hydrology, water and soil pollution

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415	PN-II-ID-PCE-2012-4-0436	Bodis	Eugen Jenő	Babes-Bolyai University	Sinteze ideale prin reactii de aminare reductiva catalizate de metale in solventi verzi	Ideal syntheses through metal catalyzed reductive amination reactions in green solvents	Chimie	PE5_13	Environment chemistry
416	PN-II-ID-PCE-2012-4-0437	Grimberg	Raimond	National Institute of Research and Development for Technical Physics	Retele metalice cu dimensiuni mai mici decat lungimea de unda: aplicatie la evaluarea nedistructiva electromagnetica si proiectarea de senzori	Metallic strip gratings in sub-wavelength regime: application to electromagnetic non-destructive evaluation and sensors design	Stiinte ingineresti	PE7_4	Systems engineering, sensorics, actronics, automation
417	PN-II-ID-PCE-2012-4-0438	Culetu	Hristu	Ovidius University of Constanta	Spatiutimp sferic de tip Rindler cu aplicatii pentru stelele cu energie intunecata si gaurile negre cosmologice	Spherical Rindler-type Spacetime with Applications in Dark Energy Stars and Cosmological Black Holes	Fizica	PE9_14	Cosmology
418	PN-II-ID-PCE-2012-4-0439	Braicu	Cornelia	University of Medicine and Pharmacy "Iuliu Hatieganu"	Modularea profilului miRNA de catre flavan-3-oli si p53siRNA in cancerul de san: posibile avantaje terapeutice	Modulation of miRNA by flavan-3-ols and p53siRNA in breast cancer: potential linkage to therapy advantage	Medicina	LS7_3	Pharmacology, pharmacogenomics, drug discovery and design, drug therapy
419	PN-II-ID-PCE-2012-4-0440	Setnescu	Radu	VALAHIA University of Targoviste	Concept de material polimeric neagresiv fata de mediul inconjurator. Echilibrarea performantei tehnice si a impactului asupra mediului	A concept of environment friendly polymeric material. Balancing the technical performance and the environmental impact	Stiintele pamantului	PE10_9	Biogeochemistry, biogeochemical cycles, environmental chemistry
420	PN-II-ID-PCE-2012-4-0441	CRISTIAN	SCHUSTER	SPIRU HARET UNIVERSITY BUCHAREST	PATRIMONIUL ISTORIC AL JUDETULUI OLT	HISTORICAL HERITAGE IN OLT COUNTY	Stiinte umaniste	SH6_12	Cultural heritage

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421	PN-II-ID-PCE-2012-4-0442	BARBULESCU	ELENA	Romanian Academy, Cluj-Napoca Branch, Institute Archive of Folklore	PLURALISM MEDICAL ȘI IDEEA DE SUFERINȚĂ ÎN ROMÂNIA RURALĂ CONTEMPORANĂ	MEDICAL PLURALISM AND THE IDEEA OF SUFFERING IN CONTEMPORARY RURAL ROMANIA	Științe umaniste	SH6_5	Modern and contemporary history
422	PN-II-ID-PCE-2012-4-0443	DINISCHIOTU	ANCA	University of Bucharest	Sonde fluorescente pe baza de aptameri pentru imagistica biomedicală	Aptamer based fluorescent probes for biomedical imaging	Medicina	LS7_2	Diagnostic tools (e.g. genetic, imaging)
423	PN-II-ID-PCE-2012-4-0444	Zafiu	Rodica Ileana	University of Bucharest	Structura informațională a enunțului și topica în limba română – perspectivă diacronică	Information structure and word order in Romanian. A historical perspective	Științe umaniste	SH4_6	Typological, historical and comparative linguistics
424	PN-II-ID-PCE-2012-4-0445	Dumitrascu	Nicoleta	Universitatea "Alexandru Ioan Cuza" din Iași	Studii in vitro de aderență și motilitate celulară pe suprafețe magnetice microstructurate obținute prin tehnici cu plasmă	Magnetic micro structured surfaces designed by gas plasma processing for in vitro studies on cells adhesion and motility	Știința materialelor	PE5_11	Biomaterials synthesis
425	PN-II-ID-PCE-2012-4-0446	TURCUS	SERBAN	Universitatea Babeș-Bolyai din Cluj-Napoca	Documente papale în arhive și biblioteci românești (ca. 1200-1600). Un proiect de diplomatie digitală.	Papal Documents in Romanian Archives and Libraries (ca. 1200-1600). A Project of Digital Diplomacy.	Științe umaniste	SH6_4	Medieval history
426	PN-II-ID-PCE-2012-4-0447	Benea	Diana	Babeș-Bolyai University Cluj-Napoca	Materiale noi de tip Heusler cu aplicație în spintronica	New Heusler materials with application in spintronics	Fizică	PE3_10	Spintronics

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427	PN-II-ID-PCE-2012-4-0448	Kalman	IMRE	Banat's University of Agricultural Sciences and Veterinary Medicine from Timișoara	Impactul zoonotic al Cryptosporidium și Giardia, transmise prin apă, asupra sănătății animale și publice: evaluarea riscului și strategii de control	Impact of water-borne zoonotic Cryptosporidium and Giardia on animal and public health: risk assessment and control strategies	Medicina	LS6_10	Parasitology
428	PN-II-ID-PCE-2012-4-0449	Nistor	Ileana Denisa	Vasile Alecsandri University of Bacau	Noi materiale hibride cu componenta organica si anorganica pentru incapsularea aromelor	New hybrid materials with an organic and inorganic component for flavour encapsulation	Stiinta materialelor	PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors
429	PN-II-ID-PCE-2012-4-0450	Turcus	Veronica	Academia Romana-Filiala Cluj-Napoca	Conditile sociale ale creativitatii artistice in Romania interbelica cu accent special pe institutiile educationale.Un proiect multidisciplinar.	Social Conditions of Artistic Creativity in interwar Romania with special Emphasis on Educational Institutions. A Multi-Disciplinary Project.	Stiinte umaniste	SH6_5	Modern and contemporary history
430	PN-II-ID-PCE-2012-4-0451	IONITA	Achim	S.C. STRAERO S.A. - Institutul pentru Calculul si Experimentarea Structurilor Aero-Astronautice	Criterii de evaluare ale interferentelor biodinamice in controlul vehiculelor aeriene	Evaluation criteria of biodynamic interferences in aerial vehicle control task	Stiinte ingineresti	PE8_1	Aerospace engineering
431	PN-II-ID-PCE-2012-4-0452	Ginghina	Carmen Doina	University of Medicine and Pharmacy "Carol Davila"	Intercatiunea ventriculoarteriala dreapta si interventriculara in hipertensiunea pulmonara: studiu hemodinamic, ecocardiografic si anatomic	RIGHT VENTRICULOARTERIAL AND INTERVENTRICULAR INTERACTION IN PULMONARY HYPERTENSION: HEMODINAMIC, ECHOCARDIOGRAPHIC AND ANATOMIC STUDY	Biologie si Ecologie	LS4_7	Cardiovascular diseases
432	PN-II-ID-PCE-2012-4-0453	Stoica	Dan	"ALEXANDRU IOAN CUZA" UNIVERSITY OF IASI	Identitatea civică a utilizatorilor forumurilor ziarelor online: o perspectivă pragmalingvistică	Civic identity of online journals forums users: a pragmalinguistic perspective	Stiinte sociale si economice	SH4_8	Use of language: pragmatics, sociolinguistics, discourse analysis

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433	PN-II-ID-PCE-2012-4-0454	Albu	Ioan	Lucian Blaga University of Sibiu	Patrimoniul epigrafic al Transilvaniei medievale și contextul său (cca. 1250-1550)	The Epigraphic Heritage of Medieval Transylvania and Beyond (ca. 1250-1550)	Științe umaniste	SH5_8	Numismatics, epigraphy
434	PN-II-ID-PCE-2012-4-0455	Surpateanu	Gheorghe	Vasile Alecsandri University of Bacau	Eco-tehnologii de reabilitare a solurilor poluate cu compusi organici toxici	Rehabilitation eco-technologies for soils polluted with organic toxic compounds	Științele vieții aplicate și Biotehnologii	LS9_8	Environmental biotechnology, bioremediation, biodegradation
435	PN-II-ID-PCE-2012-4-0456	Popa	Catalin George	Universitatea "Alexandru Ioan Cuza" din Iasi	Controlabilitatea și stabilizabilitatea ecuațiilor dinamicii fluidelor	Controllability and stabilizability for the equations of fluid dynamics	Matematica și Informatica	PE1_17	Control theory and optimization
436	PN-II-ID-PCE-2012-4-0457	Bucur	Daniel	University of Agricultural Sciences and Veterinary Medicine in Iasi	Managementul fertilității solului în Podisul Moldovei	Soil fertility management in Moldavian Plateau	Științele vieții aplicate și Biotehnologii	LS9_5	Agriculture related to crop production, soil biology and cultivation, applied plant biology
437	PN-II-ID-PCE-2012-4-0458	Gaspar	Marian	Institutul de Boli Cardiovasculare Timisoara	Impactul fibrozei miocardice asupra prognosticului și funcției ventriculare stângi apreciată prin speckle tracking la pacienții cu stenoza aortică	Impact of myocardial fibrosis on prognosis and left ventricular function assessed by speckle tracking imaging in patients with aortic valve stenosis	Medicina	LS7_7	Surgery
438	PN-II-ID-PCE-2012-4-0459	Niedermaier	Paul Helmut	Institutul de Cercetări Socio-Umane Sibiu al Academiei Române	În interiorul zidurilor. Reconstituirea fortificațiilor orașelor - portal spre istoria orașelor din România	Inside the walls. Re-constructing the fortifications of the towns - Portal to towns' history from Romania	Științe umaniste	SH6_4	Medieval history

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439	PN-II-ID-PCE-2012-4-0460	Coltuc	Dinu	Valahia University Targoviste	Marcare reversibila: algoritmi, rezultate, date	REversible Watermarking: Algorithms, Results, Data - REWARD	Stiinte ingineresti	PE7_7	Signal processing
440	PN-II-ID-PCE-2012-4-0461	NEGRUTIU	MEDA-LAVINIA	VICTOR BABES UNIVERSITY OF MEDICINE AND FARMACY TIMISOARA	Osteoinductia, osteoconductia si osteointegrarea materialelor regenerative ososase evalaute prin metode optoelectronice si radiatie synchrotron	Osteoinduction, Osteoconduction and Osseointegration of bone regenerative materials evaluated by optoelectronic methods and synchrotron radiation	Medicina	LS7_2	Diagnostic tools (e.g. genetic, imaging)
441	PN-II-ID-PCE-2012-4-0462	Gheorghies	Constantin	Dunarea de Jos University of Galati, Romania	NANOSTRUCTURI FOTOLUMINESCENTE DE TITANAT DE CALCIU DOPAT CU PRASEODIUM PENTRU APLICATII OPTOELECTRONICE	PHOTOLUMINESCENT PRASEODYM-DOPED CALCIUM TITANATE NANOSTRUCTURES FOR OPTOELECTRONIC APPLICATIONS	Stiinte ingineresti	PE8_9	Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...)
442	PN-II-ID-PCE-2012-4-0463	Matei	Florentina	Univeristy of Agronomical Sciences and Veterinary Medecine Bucharest	Valorificarea tulpinilor locale de drojdii si a soiurilor autohtone de struguri in vederea cresterii calitatii vinurilor romanești	Valorisation of local yeast strains and autochthonous grape varieties for Romanian wines' quality improvement	Stiintele vietii aplicate si Biotehnologii	LS9_5	Agriculture related to crop production, soil biology and cultivation, applied plant biology
443	PN-II-ID-PCE-2012-4-0464	RUS	VASILE	THE BABES-BOLYAI UNIVERSITY CLUJ	TRANSSYLVANIA LATINITATE REDIVIVA. CODICE MANUSCRISE, INCUNABULE SI POSTINCUNABULE DIN BIBLIOTECILE TRANSILVANENE	TRANSSYLVANIA LATINITATE REDIVIVA. LATIN MANUSCRIPT CODICES, INCUNABULA AND POSTINCUNABULA FROM THE TRANSSYLVANIAN LIBRARIES	Stiinte umaniste	SH5_1	Classics
444	PN-II-ID-PCE-2012-4-0465	Stelescu	Maria Daniela	National Research and Development Institute for Textiles and Leather - Division Leather and Footwear Research Institute	Nanocompozite "green" elasto-plastice pe baza de elastomer EPDM/PE/argila modificata organic/fibre naturale - noi materiale cu proprietati avansate	"Green" Elasto-Plastic Nanocomposites based on EPDM Elastomer/Polyethylene/Organomodified Clay/Natural Fibres - New Materials with Advanced Properties	Stiinta materialelor	PE5_10	Nanomaterials : nanoparticles, nanotubes

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445	PN-II-ID-PCE-2012-4-0466	TUDOREANU	LILIANA	UNIVERSITY OF AGRONOMIC SCIENCES AND VETERINARY MEDICINE OF BUCHAREST	TRANSFERUL QUANTUM DOT-URILOR CdSe/ZnS ȘI CdSe/ZnSe ÎN LANȚUL TROFIC PLANTĂ - ANIMAL	TROPHIC TRANSFER OF CdSe/ZnS AND CdSe/ZnSe QUANTUM DOTS IN THE PLANT-ANIMAL SYSTEM	Stiintele vietii aplicate si Biotehnologii	LS9_5	Agriculture related to crop production, soil biology and cultivation, applied plant biology
446	PN-II-ID-PCE-2012-4-0467	Craciun	Valentin	National Institute for Lasers, Plasma and Radiation Physics	Realizarea tranzistorilor cu filme subtiri, transparente si flexibile din oxizi amorfi depusi prin ablatie laser.	All-amorphous-oxide transparent and mechanically flexible thin film transistor grown by pulsed laser deposition	Stiinta materialelor	PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors
447	PN-II-ID-PCE-2012-4-0468	Rambu	Nicolae	Universitatea Alexandru Ioan Cuza din Iasi	Noile forme ale tiraniei valorilor	New forms of tyranny of values	Stiinte umaniste	SH4_10	Philosophy, history of philosophy
448	PN-II-ID-PCE-2012-4-0469	Ianos	Ioan	University of Bucharest	Rezistenta diferentiata la schimbare a sistemelor teritoriale inalt antropizate	Differential Resistance to Change of the High Anthropogenic Territorial Systems	Stiinte sociale si economice	SH3_5	Human and social geography
449	PN-II-ID-PCE-2012-4-0470	Pop	Viorel	University Babes-Bolyai	Cuplajul prin schimb interfazic in nanocompozite magnetice de tip dur/moale	Interphase Exchange Coupling in Hard/Soft Magnetic Nanocomposite	Stiinta materialelor	PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors
450	PN-II-ID-PCE-2012-4-0471	BUICA	Gabriela	Institute for Space Science-National Institute for Laser, Plasma and Radiation Physics	Controlul coerent al atomilor utilizand trenuri de pulsuri laser ultracurte in conditii de transparenta indusa electromagnetic	Coherent control of atoms with trains of ultrashort laser pulses under the electromagnetically induced transparency conditions	Fizica	PE2_7	Atomic, molecular physics

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451	PN-II-ID-PCE-2012-4-0472	Belega	Daniel	Politehnica University of Timisoara, Faculty of Electronics and Telecommunications	Estimarea cu precizie ridicata a parametrilor unui semnal pe baza metodelor de interpolare DFT si a algoritmilor "sine-fitting"	Accurate Estimation of Signal Parameters by Means of Interpolated DFT Methods and Sine-Fitting Algorithms	Stiinte ingineresti	PE7_3	Simulation engineering and modelling
452	PN-II-ID-PCE-2012-4-0473	Girtu	Mihai	Ovidius University of Constanta	Modelarea ordonarii magnetice la temperaturi inalte in compusi moleculari cu ioni de tranzitie legati prin acceptori cu grupari ciano	Modeling of the high-temperature magnetic ordering in molecular compounds with transition metal ions bridged by cyanocarbon acceptors	Fizica	PE3_11	Magnetism
453	PN-II-ID-PCE-2012-4-0474	Duma	Virgil-Florin	Aurel Vlaicu University of Arad	Dispozitive și sisteme optomecatronice pentru modularea luminii cu aplicații în Tomografia Optică de Coerență (OCT)	Optomechatronic devices and systems for the modulation of light with applications in Optical Coherence Tomography (OCT)	Stiinte ingineresti	PE8_7	Micro(system) engineering
454	PN-II-ID-PCE-2012-4-0475	Tanase	Cristiana	Victor Babes National Institute of Pathology	Proteomica in cancer: de la semnalizarea celulara la noi biomarkeri in tumorile cerebrale/CANSINPROT	Cancer proteomics: from cell signalling to new biomarkers in brain tumors/CANSINPROT	Biologie si Ecologie	LS4_6	Cancer and its biological basis
455	PN-II-ID-PCE-2012-4-0476	Neagu	Teodora Monica	"Victor Babes" National Institute of Pathology	Potentiali biomarkeri implicati in echilibrul Th17/Treg; aplicatii in diagnosticarea precoce a bolilor autoimune si cancerului.	Candidate biomarkers involved in Th17/Treg balance; applications in early diagnosis of autoimmune diseases and cancer.	Medicina	LS6_12	Biological basis of immunity related disorders
456	PN-II-ID-PCE-2012-4-0477	Neamtu	Mariana	Technical University of Iasi	Oxidarea catalitică și fotocatalitică din ape a poluanților cu efecte estrogeno-mimetice	Catalytical and photocatalytical removal of endocrine disrupting compounds (EDCs) from waters	Chimie	PE5_13	Environment chemistry

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457	PN-II-ID-PCE-2012-4-0478	Czibula	Gabriela	Babes-Bolyai University	Contributii in directia dezvoltarii unor tehnici bazate pe soft computing si instruire automata pentru rezolvarea problemelor de bioinformatica	Contributions towards developing soft computing based machine learning techniques for solving bioinformatics problems	Matematica si Informatica	PE6_8	Intelligent systems
458	PN-II-ID-PCE-2012-4-0479	Stamate	Marius	VASILE ALECSANDRI UNIVERSITY OF BACAU	Imbunatatirea proprietatilor electrice, optice si fotocatalitice ale nanostructurilor pe baza de grafena si TiO2	Enhancing the electrical, optical and photocatalytical properties of graphene-TiO2 nanostructured films	Stiinta materialelor	PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors
459	PN-II-ID-PCE-2012-4-0480	SILAGHI	CRISTINA ALINA	County Clinic Emergency Hospital Cluj	Profile de expresie genica in tesutul adipos perivascular:suport molecular pentru intelegerea patogenezei aterosclerozei	Gene expression profiles in perivascular adipose tissue: a molecular support for understanding the pathogenesis of atherosclerosis.	Biologie si Ecologie	LS2_2	Transcriptomics
460	PN-II-ID-PCE-2012-4-0481	Pinzaru	Simona	Babes-Bolyai University	Monitorizarea mediului si produselor de aquacultura pe coasta de sud a Marii Adriatice (Croatia) utilizand senzori SERS	Environmental aquaculture and seafood monitoring in South-Adriatic coast (Croatia) using SERS sensors	Chimie	PE4_3	Spectroscopic and spectrometric techniques
461	PN-II-ID-PCE-2012-4-0482	PASCU	IOAN MIRCEA	NATIONAL SCHOOL FOR POLITICAL STUDIES AND PUBLIC ADMINISTRATION	SCUTUL ANTI-RACHETA IN EUROPA SI SECURITATEA REGIONALA	THE MISSILE SHIELD IN EUROPE AND REGIONAL SECURITY	Stiinte sociale si economice	SH2_11	Global and transnational governance, international law, human rights
462	PN-II-ID-PCE-2012-4-0483	Bildea	Costin Sorin	University "Politehnica" of Bucharest	Noi concepte de reactoare chimice pentru cuplarea reactiilor endoterme si exoterme	Novel reactor concepts for coupling endothermic and exothermic reactions	Stiinte ingineresti	PE8_2	Chemical engineering, technical chemistry

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463	PN-II-ID-PCE-2012-4-0484	Andrei	Tudorel	The Bucharest University of Economic Studies	Identifying determinants, quantitative estimations of the size and effects of hidden economy and corruption in Eastern Europe and regions of Romania	Identificarea factorilor determinanți, estimarea dimensiunii și efectelor economiei subterane și corupției în Europa de Est și în regiunile din România	Științe sociale și economice	SH1_1	Macroeconomics, growth, business cycles
464	PN-II-ID-PCE-2012-4-0485	Castravete	Stefan	Caelynx Europe	Model biomecanic al bratului uman, cu elemente finite	Finite element biomechanical arm model (FEBARM)	Științe inginerești	PE8_4	Computational engineering
465	PN-II-ID-PCE-2012-4-0486	Pârvulescu	Viorica	Institute of Physical Chemistry "Ilie Murgulescu", Romanian Academy	Structurarea ierarhizată a compozitelor cu silice și rețele metal organice cu proprietăți catalitice	Hierarchical structuring of silica-metal organic framework composites with catalytic properties	Chimie	PE4_12	Catalysis
466	PN-II-ID-PCE-2012-4-0487	Glodariu	Tudor	Horia Hulubei National Institute of Physics and Nuclear Engineering	În căutarea rezonanțelor slab legate situate sub energia de legătură a neutronului	Searching for weakly bound resonances just below the neutron binding energy	Fizică	PE2_3	Nuclear physics
467	PN-II-ID-PCE-2012-4-0488	Silaghi-Dumitrescu	Radu	Babes-Bolyai University	Activarea redox a moleculelor mici de către centri metalici cu relevanță biologică	Redox activation of small molecules at biological metal centers	Chimie	PE4_15	Theoretical and computational chemistry
468	PN-II-ID-PCE-2012-4-0489	Filip	Diana Andrada	Babes-Bolyai University	Studii asupra modelelor de impozitare a veniturilor în sistem de vot majoritar	Developments in majority voting on income taxations models	Științe sociale și economice	SH1_9	Public administration, public economics

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469	PN-II-ID-PCE-2012-4-0490	Rubel	Alexander	Academia Romana, Filiala Iasi	"Celalalt" in actiune. Barbarizarea Romei si romanizarea lumii	"The Other" in Action. The Barbarization of Rome and the Romanization of the World	Stiinte umaniste	SH6_3	Ancient history, ancient cultures
470	PN-II-ID-PCE-2012-4-0491	Tantau	Ioan	Babes-Bolyai University	Schimbari ale mediului Tardiglaciari si Holocen din Carpatii Orientali pe baza analizelor multi-proxy	Lateglacial and Holocene environmental changes in the Eastern Romanian Carpathians, based on multi-proxy analysis	Stiintele pamantului	PE10_6	Paleoclimatology, paleoecology
471	PN-II-ID-PCE-2012-4-0492	Sasaujan	Mihail Simion	Universitatea din Bucuresti	Negocieri diplomatice ale Statului român cu Patriarhia Ecumenică referitoare la autocefalia Bisericii Ortodoxe Române (1864-1885)	Romanian State's diplomatic negotiations with the Ecumenical Patriarchate on the Autocephaly of the Romanian Orthodox Church (1864-1885)	Stiinte umaniste	SH6_5	Modern and contemporary history
472	PN-II-ID-PCE-2012-4-0493	Razus	Alexandru Constantin	Centrul de Chimie Organica Costin D. Nenitescu al Academiei Romane	Sinteza si proprietatile unor noi 1,2-diazuleniletene cu aplicatii potentiale in domeniul proiectelor optoelectronice ca si in chimia analitica	Synthesis and properties of new 1,2-diazulenylethenes with potential applications in optoelectronic devices field as well as in analytic chemistry	Chimie	PE5_23	Organic chemistry
473	PN-II-ID-PCE-2012-4-0494	Nicolaescu	Madalina	University of Bucharest	Shakespeare reformatat in epoca digitala: Predarea literaturii globale in Romania	Shakespeare Reformatted in the Digital Age: Teaching Global Literature in Romania	Stiinte umaniste	SH5_11	Cultural studies, cultural diversity
474	PN-II-ID-PCE-2012-4-0495	Manescu	Adrian	Universitatea din Craiova	Implanturi functionale avansate pentru imbunatatirea osteointegrarii in artroplastile de sold	Advanced functional implants for enhanced osseointegration in hip arthroplasty	Medicina	LS7_1	Medical engineering and technology

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475	PN-II-ID-PCE-2012-4-0496	Zulean	Marian	INSTITUTUL NATIONAL DE CERCETARE STIINTIFICA IN DOMENIUL MUNCII SI PROTECTIEI SOCIALE	Transformari ale profesiei militare in Romania postcomunista in contextul democratizarii si globalizarii	Changing patterns of military profession in post-communist Romania in the context of democratisation and globalisation	Stiinte sociale si economice	SH2_7	Transformation of societies, democratization, social movements
476	PN-II-ID-PCE-2012-4-0497	Stefan	Razvan	University of Agricultural Science and Veterinary Medicine	Targetarea celulei canceroase utilizand nanoparticule multifunctionale	Targeting cancer cell by multifunctional nanocarriers	Medicina	LS7_1	Medical engineering and technology
477	PN-II-ID-PCE-2012-4-0498	Miu	Andrei Cristian	Universitatea Babes-Bolyai	Modificarea distorsiunilor atentionale: Efecte fiziologice, alternative de mecanisme ale schimbarii si moderare genetică	Attentional Bias Modification in Social Anxiety Disorder: Physiological Effects, Alternative Mechanisms of Change, and Genetic Moderation	Stiinte sociale si economice	SH4_4	Clinical and experimental psychology
478	PN-II-ID-PCE-2012-4-0499	WAUTHY	Pierre	Emergency Hospital for Children "Grigore Alexandrescu", Bucharest, Romania	Registrul de hipertensiune pulmonara in cardiopatiile congenitale. Evaluare hemodinamica si efecte terapeutice.	Pulmonary hypertension register in congenital heart disease. Hemodynamic evaluation and therapeutic effects.	Biologie si Ecologie	LS4_7	Cardiovascular diseases
479	PN-II-ID-PCE-2012-4-0500	Tudorel	Toader	Alexandru Ioan Cuza University	Drepturile pacientilor	Patients' Rights	Stiinte sociale si economice	SH2_10	Private, public and social law
480	PN-II-ID-PCE-2012-4-0501	Borcia	Catalin	Universitatea "Alexandru Ioan Cuza" din Iasi	Biocompatibilitatea firelor polimere modificate prin procesare cu plasma	Biocompatibility of polymer fibers modified by plasma processing	Stiinta materialelor	PE5_3	Surface modification

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481	PN-II-ID-PCE-2012-4-0502	Lednický	John	Babes-Bolyai University, Cluj-Napoca	Supravegherea infectiilor acute respiratorii severe si a pneumoniei comunitare in Romania	Severe Acute Respiratory Infection(SARI)& Community Acquired Pneumonia (CAP)Surveillance Study in Romania	Medicina	LS7_10	Public health and epidemiology
482	PN-II-ID-PCE-2012-4-0503	Stan-Sion	Catalin	National Institute of Physics and Nuclear Engineering "Horia Hulubei"	Cercetari pentru determinarea curbei de calibrare a 14C in vederea radiodarii prin AMS a artefactelor apartinand patrimoniului national din Romania	Research for establishing the calibration curve of 14C for AMS radiodating of artefacts belonging of the national heritage in Romania	Fizica	PE2_3	Nuclear physics
483	PN-II-ID-PCE-2012-4-0504	Nistor	Vasile Sergiu	National Institute of Materials Physics	Intelegerea structurii si interactiei la scara atomica a defectelor punctuale intrinseci si impuritatilor in nitrura de bor semiconductoare.	Understanding the structure and interplay at atomic scale of the intrinsic point defects and impurities in semiconductor boron nitride.	Fizica	PE3_7	Semiconductors
484	PN-II-ID-PCE-2012-4-0505	Falup-Pecurariu	Oana	Transilvania University Brasov	Susceptibilitatea antimicrobiana, distributia serotipurilor si acoperirea vaccinala a Streptococcus pneumoniae la copiii sanatosi si bolnavi	Antimicrobial susceptibility, serotypes distribution and vaccine coverage of Streptococcus pneumoniae in healthy and sick children	Medicina	LS6_11	Prevention and treatment of infection by pathogens (e.g. vaccination, antibiotics, fungicide)
485	PN-II-ID-PCE-2012-4-0506	Maricel	Agop	"Gheorghe Asachi" Technical University of Iasi	Nelinaritate si haos in sisteme fizice complexe si sisteme macroeconomice. Modelare si predictibilitate.	NONLINEARITY AND CHAOS IN COMPLEX PHYSICAL SYSTEMS AND MACROECONOMIC SYSTEMS. MODELING AND PREDICTABILITY.	Fizica	PE2_14	Non-linear physics
486	PN-II-ID-PCE-2012-4-0507	arevalo	José Ramon	UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA, ROMANIA	Determinanti ecologici ai speciilor nenative prezenta in comunitatile de plante forestiere din parcul National Apuseni	Ecological Determinants of non Native Species in Forest Plant Communities from the Apuseni National Park	Biologie si Ecologie	LS8_1	Ecology (theoretical, community, population, microbial, evolutionary ecology)

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487	PN-II-ID-PCE-2012-4-0508	Dumitras	Dan Constantin	National Institute for Laser, Plasma and Radiation Physics	Imagistica fotoacustica: Un sistem imagistic eficient de diagnostic cu laser	Photoacoustic Imaging (P.A.I.): An Efficient Laser Diagnostic Imaging System	Medicina	LS7_2	Diagnostic tools (e.g. genetic, imaging)
488	PN-II-ID-PCE-2012-4-0509	Rapeanu	Gabriela	Dunarea de Jos University of Galati	Utilizarea procedeelor termice si/sau atermice pentru cresterea functionalitatii unor compusi biologic activi in fructe si produse pe baza de fructe	Thermal and/or non thermal technology as a tool to increase the health functionality of bioactive compounds in fruit based food	Stiintele vietii aplicate si Biotehnologii	LS9_6	Food sciences
489	PN-II-ID-PCE-2012-4-0510	Catrinescu	Cezar	Gheorghe Asachi Technical University of Iasi	METODE INOVATIVE PENTRU ÎMBUNĂȚĂȚIREA PERFORMANȚELOR CATALIZATORILOR ETEROGENI DE TIP FENTON ÎN OXIDAREA POLUANȚILOR ORGANICI	INNOVATIVE METHODS TO IMPROVE THE PERFORMANCES OF HETEROGENEOUS FENTON-LIKE CATALYSTS IN THE OXIDATION OF ORGANIC POLLUTANTS	Stiinte ingineresti	PE8_2	Chemical engineering, technical chemistry
490	PN-II-ID-PCE-2012-4-0511	Popa	Lucia	Institute for Space Sciences	Studiul undelor gravitationale primordiale cu anisotropia CMB	Probing the primordial gravitational waves with CMB anisotropies	Fizica	PE2_1	Fundamental interactions and fields
491	PN-II-ID-PCE-2012-4-0512	Jost	Norbert Laszlo	Victor Babes University of Medicine and Pharmacy Timisoara (VBUMPT)	Evaluarea efectului cardioprotector al substantelor modulatori ale canalelor de potasiu dependente de ATP	Assessment of cardioprotective effects of ATP-dependent potassium channels modulators	Biologie si Ecologie	LS4_7	Cardiovascular diseases
492	PN-II-ID-PCE-2012-4-0513	Joita	Maria	University of Bucharest	Constructii de pro-C*-algebre, algebre von Neumann si C*-module Hilbert	CONSTRUCTIONS OF PRO-C*-ALGEBRAS, VON NEUMANN ALGEBRAS AND HILBERT C*-MODULES	Matematica si Informatica	PE1_9	Operator algebras and functional analysis

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493	PN-II-ID-PCE-2012-4-0514	AXENTE	Emanuel	National Institute for Lasers, Plasma and Radiation Physics	Sinteza filmelor subtiri de nitruri si carburi de Ti, Zr, Hf de inalta calitate prin optimizarea in-situ a procesului PLD	Synthesis of high quality Ti, Zr, Hf nitrides and carbides thin films by in-situ optimization of PLD process	Stiinta materialelor	PE5_4	Thin films
494	PN-II-ID-PCE-2012-4-0515	Felea	Daniel	Institute of Space Science	Comportari de tip intermitent si rezonant ale biliardului nuclear haotic	Intermittent and resonant type behaviors of the chaotic nuclear billiard	Fizica	PE2_3	Nuclear physics
495	PN-II-ID-PCE-2012-4-0516	Valeanu	Mihaela	Nationale Institute of Materials Physics	Efect magneto-caloric si magneto-rezistiv in aliaje feromagnetice cu memorie de forma de tip Heusler	Magneto-caloric and magneto-resistance effects in Heusler type Ferromagnetic Shape Memory Alloys	Stiinta materialelor	PE5_9	Materials for sensors
496	PN-II-ID-PCE-2012-4-0517	Pavel	Marilena D.	SC STRAERO-(INSTITUTUL PENTRU CALCULUL SI EXPERIMENTAREA STRUCTURILOR AERO-ASTRONAUTICE) SA	NOI METODE DE IMBUNATATIRE ALE CALITATILOR DE ZBOR LA ELICOPTERE SI PREVENIRE A OSCILATIILOR INDUSE DE PILOT	NEW METHODS FOR IMPROVED HELICOPTER HANDLING QUALITIES AND PILOT INDUCED OSCILLATION PREVENTION	Stiinte ingineresti	PE8_1	Aerospace engineering
497	PN-II-ID-PCE-2012-4-0518	TIGAU	NICOLAE	DUNAREA DE JOS UNIVERSITY OF GALATI	HETEROSTRUCTURI BAZATE PE OXIZI DE BISMUT, STIBIU SI STANIU PENTRU APLICATII OPTOELECTRONICE	BISMUTH, ANTIMONY AND TIN OXIDE-BASED HETEROSTRUCTURES FOR OPTOELECTRONIC APPLICATIONS	Stiinta materialelor	PE5_4	Thin films
498	PN-II-ID-PCE-2012-4-0519	Verestiuc	Liliana	UNIVERSITATEA DE MEDICINA SI FARMACIE GRIGORE T POPA IASI	Nanoparticule polimerice biofunctionale ca vehiculanti de medicamente de uz oftalmic	Biofunctional polymer-based nanoparticles as ocular drug delivery vehicles	Stiinta materialelor	PE5_10	Nanomaterials : nanoparticles, nanotubes

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499	PN-II-ID-PCE-2012-4-0520	Isvoranu	Dragos	University Politehnica Bucharest	Metode inspirate din natura pentru controlul si manipularea fluidelor	Nature inspired fluid manipulation and control techniques	Stiinte ingineresti	PE8_5	Fluid mechanics, hydraulic-, turbo-, and piston engines
500	PN-II-ID-PCE-2012-4-0521	Dunca	Argus Adrian	Spiru Haret University	Tehnica de filtrare neliniara in dinamica fluidelor cu aplicatii in pastrarea muchiilor si reducerea zgomotului in procesarea imaginilor digitale	On a nonlinear filtering technique in computational fluid dynamics with applications to edge preserving and noise reduction in image processing	Matematica si Informatica	PE1_16	Numerical analysis and scientific computing
501	PN-II-ID-PCE-2012-4-0522	Drochioiu	Gabi	Alexandru Ioan Cuza University of Iasi	Sinteza si caracterizarea complexilor metalici ai biopolimerilor la diferite valori de pH: implicatii analitice si biomedicale	Synthesis and characterization of metal-biopolymer complexes under various pH conditions: Analytical and biomedical implications	Biologie si Ecologie	LS2_3	Proteomics
502	PN-II-ID-PCE-2012-4-0523	Rotariu	Lucian	UNIVERSITATEA DIN BUCURESTI	Biosenzori modificati cu polimeri	From Fancy Materials to Functional Biosensor Applications	Chimie	PE4_6	Analytical chemistry
503	PN-II-ID-PCE-2012-4-0524	Apostol	Marian	Research and Development National Institute of Physics and Nuclear Engineering - "Horia Hulubei"	Interactia clasica si semi-clasica a materiei cu radiatia electromagnetica	Classical and Semi-Classical Interaction of Matter with the Electromagnetic Field	Fizica	PE2_6	Electromagnetism
504	PN-II-ID-PCE-2012-4-0525	Lucanu	Dorel	Universitatea „Alexandru Ioan Cuza” din Iasi	TRAK: Instrumente generice pentru raționament și analiză în cadrul semantic K	TRAK: Generic Tools for Reasoning and Analysis in the K Framework	Matematica si Informatica	PE6_3	Formal methods

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505	PN-II-ID-PCE-2012-4-0526	TETEAN VINTELER	ROMULUS	Babes-Bolyai University	Proprietati fizice si efect magnetocaloric in perovskiti dublu-stratificati nanostructurati pe baza de pamanturi rare	Physical properties and magnetocaloric effect on rare-earths based nanostructured double layered perovskites	Stiinta materialelor	PE5_2	Solid state materials
506	PN-II-ID-PCE-2012-4-0527	Ursescu	Daniel	Institutul National de Cercetare Dezvoltare pentru Fizica Laserilor, Plasmei si Radiatiei	Caracterizarea pulsurilor laser ultrasonice complexe	Complex ultrashort laser pulses characterization	Fizica	PE2_9	Lasers and laser physics
507	PN-II-ID-PCE-2012-4-0529	Kusko	Mihaela	The National Institute for Research and Development in Microtechnologies -IMT Bucharest	Nano-arhitecturi hibride pe siliciu pentru conversia luminii	Hybrid nano-architectures based on silicon for light energy conversion	Stiinte ingineresti	PE7_2	Electrical and electronic engineering: semiconductors, components, systems
508	PN-II-ID-PCE-2012-4-0530	Veres	Daniel	Romanian Academy Cluj Branch, Institute of Speleology	Impactul antropoc versus schimbări climatice naturale în Carpații românești, investigații geochimice la scară multimilenară	Millennial-scale geochemical records of anthropogenic impact and natural climate change in the Romanian Carpathians	Stiintele pamantului	PE10_6	Paleoclimatology, paleoecology
509	PN-II-ID-PCE-2012-4-0531	Iacovita	Cristian	"Iuliu Hatieganu" University of Medicine and Pharmacy, Cluj-Napoca	O noua clasa de nanoparticule magnetice avand potentiale aplicatii in terapia cancerului	New class of magnetic nanoparticles with potential applications in cancer therapy	Medicina	LS7_8	Radiation therapy
510	PN-II-ID-PCE-2012-4-0532	ION	RODICA MARIANA	National Institute of Research and Development for Chemistry and Petrochemistry	NANOSISTEME BAZATE PE COMPUSI NATURALI FOTOBIOACTIVI SI MONITORIZAREA ACTIVITATII LOR IN APLICATII BIOMEDICALE	NANOSYSTEMS BASED ON PHOTOBIOACTIVE NATURAL COMPOUNDS AND TRACKING THEIR ACTIVITY IN BIOMEDICAL APPLICATIONS	Stiinta materialelor	PE5_10	Nanomaterials : nanoparticles, nanotubes

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511	PN-II-ID-PCE-2012-4-0533	Cezar	Birzea	National School of Political Sciences and Administration Scoala National de Studii Politice si Administrative	Intersectionalitatea "servicii publice de educatie - servicii sociale - drepturi cetatenesti" - in sprijinul politicilor de incluziune a romilor	Researching the intersection between educational public services, social services and citizen's rights as support of Roma inclusion policies	Stiinte sociale si economice	SH2_1	Social structure, inequalities, social mobility
512	PN-II-ID-PCE-2012-4-0534	Pascu	Mihail Lucian	National Institute for Laser, Plasma and Radiation Physics	Emisia multidirectionala de radiatie laser de catre medii active milimetrice si submilimetrice deformabile, pompate optic	Multidirectional emission of laser radiation by optically pumped deformable active media of millimeter and submillimeter dimensions	Fizica	PE2_9	Lasers and laser physics
513	PN-II-ID-PCE-2012-4-0535	BARBUTA	MARINELA	'GHEORGHE ASACHI' TECHNICAL UNIVERSITY OF IASI	Betoane de înaltă performanță sustenabile prin materiale suplimentare de cimentare si agregate reciclate	Sustainability of High Performance Concrete through Supplementary Cementitious Materials and Recycled Aggregates	Stiinte ingineresti	PE8_3	Civil engineering, maritime/hydraulic engineering, geotechnics, waste treatment
514	PN-II-ID-PCE-2012-4-0536	Popescu	Bogdan	National Institute of Research and Development for Mechatronics and Measurement Technique	ANALIZA SI MODELAREA MICROGENERATOARELOR DE PUTERE PIEZOELECTRICE PENTRU APLICATII MEMS - MUPPET	ANALYSIS AND MODELLING OF PIEZOELECTRIC MICRO POWER GENERATORS FOR MEMS APPLICATIONS - MUPPET	Matematica si Informatica	PE6_10	Modelling tools
515	PN-II-ID-PCE-2012-4-0537	Oprea	Mihaela	University Petroleum-Gas of Ploiesti	Cercetari privind dezvoltarea si aplicarea de noi tehnici inteligente hibride de predictie bazate pe algoritmi inspirati din natura	Research concerning the development and application of new hybrid intelligent forecasting techniques based on nature inspired algorithms	Matematica si Informatica	PE6_8	Intelligent systems
516	PN-II-ID-PCE-2012-4-0538	cojocaru	sergiu	Horia Hulubei National Institute for Physics and Nuclear Engineering	Neomogenitatea la scara nanometrica si proprietatile anormale ale supraconductoarelor high-Tc	Nanoscale inhomogeneity and anomalous properties of high temperature superconductors	Fizica	PE3_8	Superconductivity

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517	PN-II-ID-PCE-2012-4-0539	Zamfirescu	Marian	National Institute for Lasers Plasma and Radiation Physics	Investigarea mecanismelor de formare a nanostructurilor in experimente cu rezolutie temporala ultrainalta	Probing the mechanism of nanostructures formation on ultrafast timescales	Chimie	PE5_19	Characterization methods of materials
518	PN-II-ID-PCE-2012-4-0540	Silaghi	Gheorghe Cosmin	Universitatea Babes-Bolyai	Management eficient al resurselor in medii de calcul heterogene de tip cloud	Efficient Resource Management in Heterogeneous Clouds	Matematica si Informatica	PE6_12	Parallel and Distributed Computing
519	PN-II-ID-PCE-2012-4-0541	Kusko	Cristian	The National Institute for Research and Development in Microtechnologies -IMT Bucharest	Ghiduri de unda si dispozitive plasmonice bazate pe materiale conductive transparente	Plasmon waveguides and devices based on conductive transparent materials	Stiinte ingineresti	PE7_5	Micro- and nanoelectronics, optoelectronics
520	PN-II-ID-PCE-2012-4-0542	Gogu	Constantin Radu	Technical University of Civil Engineering (UTCB)	Model hibrid al interactiunii dintre apele subterane si sistemul de canalizare	Hybrid model of hydraulic interaction between groundwater and lined sewer systems	Stiinte ingineresti	PE8_3	Civil engineering, maritime/hydraulic engineering, geotechnics, waste treatment
521	PN-II-ID-PCE-2012-4-0543	BEJENARU	Luminita	Universitatea "Alexandru Ioan Cuza" din Iasi (Alexandru Ioan Cuza University)	Dieta si nutritie in Moldova medievals: abordari interdisciplinare in context european	Diet and nutrition in Medieval Moldavia: interdisciplinary approaches in European context	Stiinte umaniste	SH6_4	Medieval history
522	PN-II-ID-PCE-2012-4-0544	HANGAN	HORIA MIHAI	University Politehnica of Bucharest	EFECTELE VANTULUI SI ALE TERENULUI ASUPRA DEZVOLTARII FERMELOR DE TURBINE EOLIENE	WAKE AND TOPOGRAPHIC EFFECTS FOR WIND FARM DEVELOPMENT	Stiinte ingineresti	PE8_6	Energy systems (production, distribution, application)

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523	PN-II-ID-PCE-2012-4-0545	Arvinte	Adina	Petru Poni Institute of Macromolecular Chemistry	Senzori electrochimici inalt selectivi pe baza de eteri coroana pentru detectia metalelor grele	Selective electrochemical detection of toxic heavy metals using crown ether - based polymer modified electrodes	Chimie	PE4_9	Electrochemistry, electrodialysis, microfluidics
524	PN-II-ID-PCE-2012-4-0546	Filip	Valeriu	University of Bucharest	Studiul emisiei electronice in camp intens din materiale nanostructurate, cu aplicatii la surse de electroni	Study of electron field emission from nanostructured materials with applications to electron sources	Fizica	PE3_12	Nanophysics: nanoelectronics, nanophotonics, nanomagnetism
525	PN-II-ID-PCE-2012-4-0547	Barbulescu	Constantin	University "Babes-Bolyai" from Cluj-Napoca	Medicina si societate. Medicalizarea societatii romanesti in epoca moderna si contemporana (1800-2010)	Medicine and society. Medicalization of Romanian Society in the Modern and Contemporary Epoch(1800-2010)	Stiinte umaniste	SH6_5	Modern and contemporary history
526	PN-II-ID-PCE-2012-4-0548	Iftene	Adrian	ALEXANDRU IOAN CUZA UNIVERSITY	Nicolae Miclescu - Asia de nord. O reconstructie enciclopedica folosind calculatorul si hartile GIS	Nicolae Miclescu's Northern Asia. An e-encyclopaedic, computational & GIS reconstruction	Stiinte umaniste	SH4_6	Typological, historical and comparative linguistics
527	PN-II-ID-PCE-2012-4-0549	Stefan	Radu	UNIVERSITATEA POLITEHNICA BUCURESTI	Analiza si sinteza robusta pentru sisteme complexe si aplicatii	ROBUST ANALYSIS & SYNTHESIS FOR COMPLEX SYSTEMS AND APPLICATIONS	Stiinte ingineresti	PE7_1	Control engineering
528	PN-II-ID-PCE-2012-4-0550	BUZEA	Calin	National Institute of Research and Development for Technical Physics	In cautarea de noi metode de confinare si accelerare a particulelor incarcate si a neutrilor utilizand un camp magnetic complex original	In pursuit of new confinement and acceleration methodes for charged particles and neutrals using an original complex magnetic field configuration	Fizica	PE2_2	Particle physics

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529	PN-II-ID-PCE-2012-4-0551	DOGARU	Radu	UNIVERSITATEA POLITEHNICA BUCURESTI	Arhitecturi eficiente pentru senzori inteligenti cu utilizarea unor metode de inspiratie naturala	Efficient Smart Sensing Architectures based on Natural Computing Methods	Stiinte ingineresti	PE7_7	Signal processing
530	PN-II-ID-PCE-2012-4-0552	Zahariuc	Petronel	Universitatea "Alexandru Ioan Cuza" din Iasi	Tezaurul românesc de la mănăstirea Simonopetra - Muntele Athos: documente istorice și cercetare aplicată	Romanian Treasure from Simonopetra Monastery – Mount Athos: historical documents and applied research	Stiinte umaniste	SH6_4	Medieval history
531	PN-II-ID-PCE-2012-4-0553	BOZGA	GRIGORE	University Politehnica of Bucharest	Noi catalizatori pe suport de carbura de siliciu pentru oxidarea hidrocarburilor	New silicon carbide supported catalysts for hydrocarbons oxidation	Stiinte ingineresti	PE8_2	Chemical engineering, technical chemistry
532	PN-II-ID-PCE-2012-4-0554	Vintila	Mihailescu	National School of Administrative and Political Sciences	Constructia politica a identitatii rome: repere ideologice	The political construction of Roma identity: ideological milestones	Stiinte sociale si economice	SH2_3	Kinship, cultural dimensions of classification and cognition, individual and social identity, gender
533	PN-II-ID-PCE-2012-4-0555	Ciontea	Lelia	Technical University of Cluj-Napoca, Romania	Nano-centri de pinning magnetic in filme supraconductoare epitaxiale de temperatura inalta	Nano-engineered Magnetic Pinning Centers in High Temperature Superconducting Epitaxial Thin Films	Stiinta materialelor	PE5_4	Thin films
534	PN-II-ID-PCE-2012-4-0556	DOBRICA	LILIANA	University Politehnica of Bucharest	Tehnologii avansate de reutilizare si migrarea a aplicatiilor in servicii Cloud interoperabile	Advanced Technologies for the Reuse and Migration of Applications to the Interoperable Cloud Services	Matematica si Informatica	PE6_14	Systems and software

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535	PN-II-ID-PCE-2012-4-0557	Lazar	Veronica	University of Bucharest	Noi produse naturale antimicrobiene care interfera cu comunicarea inter-regnuri mediata de moleculele de semnalizare solubile	New anti-pathogenic natural products interfering with the host-bacteria interkingdom crosstalk mediated by soluble signalling molecules	Medicina	LS6_9	Bacteriology
536	PN-II-ID-PCE-2012-4-0558	VASILE	MIHAI CRISTIAN	Fundația Noua Europă/ New Europe College - Institute for Advanced Study, Bucharest	Modernitati fragmentare. Elite intelectuale si transformari istorice in Romania contemporana	Fragmented Modernities: Intellectual Elites and Historical Transformations in Contemporary Romania	Stiinte umaniste	SH6_5	Modern and contemporary history
537	PN-II-ID-PCE-2012-4-0559	Marghitas	Liviu Alexandru	University of Agricultural Sciences and Veterinary Medicine	Compusi naturali din plante si propolis pentru imbunatatirea starii de sanatate a familiilor de albine (Apis mellifera)	Natural compounds from plants and propolis for sustainable honey bee(Apis mellifera) colony health	Stiintele vietii aplicate si Biotehnologii	LS9_3	Agriculture related to animal husbandry, dairying, livestock raising
538	PN-II-ID-PCE-2012-4-0560	Popescu	Bogdan Alexandru	Universitatea de Medicina si Farmacie "Carol Davila"	Evaluarea integrata a functiei cardiovasculare pentru predictia evolutiei pacientilor cu stenoza aortica severa: rolul ecocardiografiei de efort	An integrated approach to cardiovascular function for outcome prediction in severe aortic stenosis: the role of exercise echocardiography	Medicina	LS7_2	Diagnostic tools (e.g. genetic, imaging)
539	PN-II-ID-PCE-2012-4-0561	Arsene	Corneliu	SC IPA SA- RESEARCH DEVELOPMENT, ENGINEERING AND MANUFACTURING FOR AUTOMATION EQUIPMENT AND SYSTEMS	Studii multi-disciplinare teoretice si de explorare cu Rețele Artificiale Neuronale	Theoretical and exploratory multi-disciplinary studies of Artificial Neural Networks	Matematica si Informatica	PE6_7	Theoretical computer science including quantum information
540	PN-II-ID-PCE-2012-4-0562	Soreanu	Gabriela	Technical University "Gheorghe Asachi" of Iasi	Intensificarea eliminarii biologice a compușilor organici cu hidrofobitate ridicată din aer	Enhanced biological removal of highly hydrophobic organics from air (BRHYO)	Stiinte ingineresti	PE8_13	Industrial bioengineering

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541	PN-II-ID-PCE-2012-4-0563	Soare	Sorin	National Institute for Research and Development for Cryogenic and Isotopic Technologies	Caracterizarea componentelor de Wolfram in conditii de plasma cu energii inalte	Wolfram Coated Plasma Facing Components Investigation	Stiinte ingineresti	PE8_9	Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...)
542	PN-II-ID-PCE-2012-4-0564	PROFIRE	LENUTA	University of Medicine and Pharmacy - "Grigore T. Popa" Iasi	O noua abordare privind compusii tip liganzi multipli ca potentiale medicamente antiadiabetice	A new approach related to multi-target compounds as potential antidiabetic drugs (MTCDIAB)	Medicina	LS7_3	Pharmacology, pharmacogenomics, drug discovery and design, drug therapy
543	PN-II-ID-PCE-2012-4-0565	Constanta-Nicoleta	Bodea	Academia de Studii Economice din Bucuresti	Cercetare interdisciplinara privind competentele comportamentale: noi modele si tehnici pentru imbunatatirea managementului bazat pe competente in OOP	Interdisciplinary Research on Behavioral Competences: New Models and Techniques for enhancing Competency-based Management in Project-Oriented Organiza	Stiinte sociale si economice	SH1_8	Human resource management, employment and earnings
544	PN-II-ID-PCE-2012-4-0566	POPESCU	BOGDAN OVIDIU	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE IN DOMENIUL PATOLOGIEI SI STIINTELOR BIOMEDICALE "VICTOR BABES" BUCURESTI	Influenta hormonilor asupra alterarii barierei hemato-encefalice: impactul asupra progresiei neurodegenerarii	Endocrine influence on blood-brain barrier alteration linked to progression of neurodegeneration	Biologie si Ecologie	LS5_11	Neurological disorders (e.g. Alzheimer's disease, Huntington's disease, Parkinson's disease)
545	PN-II-ID-PCE-2012-4-0567	Sava	Ion	"Petru Poni" Institute of Macromolecular Chemistry	"Design-ul molecular al unor poliimide aromatico-alifatic cu proprietati de performanta pentru aplicatii complexe"	"Molecular design of some aromatic-aliphatic polyimides with performance properties for complex applications"	Chimie	PE5_21	Polymer chemistry
546	PN-II-ID-PCE-2012-4-0568	FULGA	Cristinca	Bucharest Academy of Economic Studies	Procese de Luare a Deciziilor in Incertitudine: Sistem Deschis de Management al Riscului	Decision Making under Uncertainty: Open Risk Management System	Stiinte sociale si economice	SH1_4	Financial markets, banking and corporate finance

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547	PN-II-ID-PCE-2012-4-0569	ELEKES	CARMEN CRISTINA	University VALAHIA of Targoviste	Modele predictive ale distributiei speciilor de macromicete ca efect al schimbarilor climatice	Predictive models of macromycetous fungi distribution as a response to climate change scenarios	Stiintele vietii aplicate si Biotehnologii	LS9_8	Environmental biotechnology, bioremediation, biodegradation
548	PN-II-ID-PCE-2012-4-0570	GHEORGHIU	EUGEN	International Centre of Biodynamics	Analiza celulelor prin detectie plasmonica a impedantei electrochimice	Plasmonic-Based Electrochemical Impedance Analysis of Living Cells	Fizica	PE3_19	Biophysics
549	PN-II-ID-PCE-2012-4-0571	Duca	Radu Corneliu	National Research & Development Institute for Biology and Animal Nutrition	Alimente contaminate: bioaccesibilitatea, toxicocinetica si nivelul de expunere umana la pesticide	Contaminated aliments: pesticides bioavailability, toxicokinetics and human exposure	Stiintele vietii aplicate si Biotehnologii	LS9_3	Agriculture related to animal husbandry, dairying, livestock raising
550	PN-II-ID-PCE-2012-4-0572	CAIZER	Costica	West University of Timisoara	Hipertermia superparamagnetica cu nanocapsule SPIONs biofunctionalizate pentru terapia cancerului mamar/cutanat	Superparamagnetic hyperthermia with biofunctionalized SPIONs nanocarriers for breast/cutaneous cancer therapy	Stiinta materialelor	PE5_10	Nanomaterials : nanoparticles, nanotubes
551	PN-II-ID-PCE-2012-4-0573	Pethő	Ágnes	Sapientia University, Cluj-Napoca (Fundatia Sapientia Universitatea Sapientia)	Imagini re-medializate ca figurații ale intermedialității și post-medialității în filmele din Europa Centrală și de Est	Re-mediated images as figurations of intermediality and post-mediality in Central and East European Cinema	Stiinte umaniste	SH5_5	Visual arts
552	PN-II-ID-PCE-2012-4-0574	MIHAI	ADELA - GABRIELA	Technical University of Civil Engineering Bucharest	Geometria varietatilor pseudo-Riemanniene si a subvarietatilor lor, cu aplicatii in alte domenii de cercetare	Geometry of pseudo-Riemannian manifolds and their submanifolds with applications to other research fields	Matematica si Informatica	PE1_5	Geometry

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553	PN-II-ID-PCE-2012-4-0575	Sirbu	Ioan Ovidiu	Universitatea de Medicina si Farmacie "Victor Babes" din Timisoara	Interactiuni intre caile de semnalizare Retinoic Acid si Wnt in cursul stadiilor morfogenetice precoce ale embrionului de soarece	Retinoic Acid - Wnt signaling interactions during early morphogenetic stages of mouse embryo development	Biologie si Ecologie	LS3_9	Development, developmental genetics, pattern formation and embryology in animals
554	PN-II-ID-PCE-2012-4-0576	Stanciu	Oltica Giorgiana Virginia	University of Agricultural Sciences and Veterinary Medicine	Explorarea si exploatarea proceselor fermentative din pastura in scopuri biotehnologice	Exploration and exploitation of bee bread fermentative process for biotechnology purposes	Stiintele vietii aplicate si Biotehnologii	LS9_9	Biotechnology, bioreactors, applied microbiology
555	PN-II-ID-PCE-2012-4-0577	Gheorghe	Lucian Marian	National Institute for Laser, Plasma and Radiation Physics	Cristale optic nelineare avansate pentru surse laser de mare putere cu emisie in vizibil bazate pe procese de conversie a frecventei	Advanced nonlinear optic crystals for high-power visible laser sources based on frequency conversion processes	Stiinta materialelor	PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors
556	PN-II-ID-PCE-2012-4-0578	Moga	Valer	1 Decembrie 1918 University of Alba Iulia	Elitele politice din Transilvania de la imperiu la regat (1905-1931)	Transylvanian Political Elites from Empire to Kingdom (1905-1931)	Stiinte umaniste	SH6_5	Modern and contemporary history
557	PN-II-ID-PCE-2012-4-0579	Andea	Susana	Institutul de Istorie "George Baritui"	Intre public si privat. Practici ale scrisului in Transilvania (sec.XIII-XVII)	Between public and private. Writing praxis in Transilvania during the XIII-XVII centuries	Stiinte umaniste	SH6_4	Medieval history
558	PN-II-ID-PCE-2012-4-0580	Petrica	Ligia	University of Medicine and Pharmacy V.Babes	Relevanta diagnostica a podocitelor urinare ca markeri ce se circumscriu conceptului de citopreventie	Diagnosis relevance of urinary podocytes as markers of the cytoprevention concept	Medicina	LS7_2	Diagnostic tools (e.g. genetic, imaging)

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559	PN-II-ID-PCE-2012-4-0581	Leordeanu	Marius	Institute of Mathematics of the Romanian Academy (IMAR)	Interpretarea Automata a Secventelor Video bazata pe Interactiuni de Ordin Superior dintre Caracteristici Visuale Locale	Automatic Video Understanding Using Higher-order Interactions between Local Features	Matematica si Informatica	PE6_8	Intelligent systems
560	PN-II-ID-PCE-2012-4-0582	Trăușan-Matu	Ștefan	Universitatea Politehnica din Bucuresti	Mediu pentru sprijinirea creativitatii, intelegerii si metacognitiei (SCRUM)	A Framework for Supporting CReativity, Understanding and Metacognition (SCRUM)	Matematica si Informatica	PE6_8	Intelligent systems
561	PN-II-ID-PCE-2012-4-0583	Manea	Elena Teodora	Universitatea de Medicina si Farmacie "Grigore T. Popa" Iasi	Migratia medicala romaneasca: integrare culturala si politici de sanatate	Romanian Medical Migration: Cultural Integration and Health Policies	Stiinte sociale si economice	SH2_6	Globalization, migration, interethnic relations
562	PN-II-ID-PCE-2012-4-0584	Borangiu	Theodor	University Politehnica of Bucharest	Cadru orientat pe servicii pentru dezvoltarea de sisteme multi-agent distribuite de executie a fabricatiei si integrare totala a intreprinderii	A Service Oriented Framework for Distributed, Intelligent Multi-Agent Manufacturing Execution System Development and Total Enterprise Integration	Stiinte ingineresti	PE7_4	Systems engineering, sensorics, actorics, automation
563	PN-II-ID-PCE-2012-4-0585	Socoliuc	Vlad-Mircea	Romanian Academy - Timisoara Branch	Influenta interactiunilor magnetice dipol-dipol la distanta asupra structurii lichidelor magnetice	The influence of long range magnetic dipole-dipole interactions on the structure of magnetic fluids	Fizica	PE3_15	Soft condensed matter (liquid crystals...)
564	PN-II-ID-PCE-2012-4-0586	David	Vasile	Universitatea din Bucuresti	Studiul electrochimic al polimerilor electrocromici conductori pentru punerea in valoare a mostenirilor culturale	Electrochemical Investigation of Electrochromic Conducting Polymers for Cultural Heritage Valorization	Chimie	PE4_9	Electrochemistry, electrodialysis, microfluidics

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565	PN-II-ID-PCE-2012-4-0587	Dorondel	Stefan	Francisc I. Rainer Institute of Anthropology	Imblanzind natura postsocialista: inundatii,strategii locale si politici nationale in Valea Dunarii	Taming the Postsocialist Nature: Floods, Local Strategies and National Policies along the Lower Danube	Stiinte sociale si economice	SH3_3	Social and industrial ecology
566	PN-II-ID-PCE-2012-4-0588	Delsol	Chantal	Universitatea Babes-Bolyai Cluj-Napoca	Democratia participativa - glasul poporului sau o noua forma de legitimare a puterii?	Participatory democracy – a voice for the people or a new form of power legitimization?	Stiinte sociale si economice	SH2_8	Political systems, legitimacy of governance
567	PN-II-ID-PCE-2012-4-0589	Vilcu	Aurel	Institutul de Arheologie "Vasile Parvan"	Managementul patrimoniului cultural in zona de nord-est a Munteniei	Cultural Heritage Management in the North-East Part of Muntenia	Stiinte umaniste	SH6_12	Cultural heritage
568	PN-II-ID-PCE-2012-4-0590	Campeanu	Remus	Academia Romana Filiala Cluj-Napoca, Institutul de Istorie "George Baritui" (Romanian Academy Cluj-Napoca Branch, "George Baritui" Institute of History)	Transilvania premoderna in oglinzi paralele. Elitele locale intre constiinta integrarii si atasament regional	Pre-modern Transylvania in parallel mirrors. Local elites between the conscience of integration and regional attachment	Stiinte umaniste	SH6_5	Modern and contemporary history
569	PN-II-ID-PCE-2012-4-0591	Mihalas	Gheorghe Ioan	Universitatea de Medicina si Farmacie Victor Babes Timisoara	Adaugare de sunet la ECG - aplicatie la analiza frecventei cardiace	Adding sound to ECG - application for heart rate analysis	Medicina	LS7_2	Diagnostic tools (e.g. genetic, imaging)
570	PN-II-ID-PCE-2012-4-0592	Rusu	Corneliu	UNIVERSITATEA TEHNICA CLUJ-NAPOCA	Algoritmi eficienti si modelarea retelelor de senzori de complexitate scazuta pentru monitorizarea ariilor salbatice si detectia intrusilor	Efficient Algorithms and Low-Complexity Sensor Network Modelling for Wildlife Areas Monitoring and Intruder Detection	Stiinte ingineresti	PE7_7	Signal processing

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571	PN-II-ID-PCE-2012-4-0593	Silisteanu	Ion	Horia Hulubei National Institute of Physics and Nuclear Engineering	Probarea structurii de paturi nucleare a elementelor supragrele prin proprietatile de dezintegrare alfa	Probing nuclear shell structure of superheavy nuclei by alpha decay properties	Fizica	PE2_3	Nuclear physics
572	PN-II-ID-PCE-2012-4-0594	Cioroianu	Adrian-Mihai	Universitatea Bucuresti / Bucharest University	Members, sympathizers, conspirators and "fellow travellers." Social structure of the Communist Party of Romania in its illegal era- Prosopographies.	Membri, simpatizanti, conspiratori și "tovarăși de drum". Componenta Partidului Comunist din România în perioada ilegalității-Studii prosopografice.	Stiinte umaniste	SH6_5	Modern and contemporary history
573	PN-II-ID-PCE-2012-4-0595	Ujvarosi	Lujza	Babes-Bolyai University	Relicte, martori ai unor procese evolutive complexe ale ecosistemelor montane din Carpati: procese istorice si tendinte viitoare	Relics, witnesses of complex evolutionary history in the Carpathian ecosystems: connecting past with the future	Biologie si Ecologie	LS8_1	Ecology (theoretical, community, population, microbial, evolutionary ecology)
574	PN-II-ID-PCE-2012-4-0596	Badea	Elena	National Research and Development Institute for Textile and Leather, Leather and Footwear Research Institute Division	STRATEGIE DE MONITORIZARE A DETERIORARII SI CONTROL A MEDIULUI PENTRU CONSERVAREA DURABILA A OBIECTELOR DE PATRIMONIU DIN PIELE SI PERGAMENT	ENVIRONMENTAL CONTROL AND DETERIORATION MONITORING STRATEGY FOR SUSTAINABLE PRESERVATION OF PARCHMENT AND LEATHER HERITAGE (ECO-CHANGE)	Chimie	PE4_1	Physical chemistry
575	PN-II-ID-PCE-2012-4-0597	TRONCOTA	CRISTIAN	"Nicolae Balcescu" Land Forces Academy	CUNOAȘTEREA ȘI DEZVOLTAREA CAPABILITĂȚILOR DE REZILIENȚĂ ORGANIZAȚIONALĂ ȘI A MODALITĂȚILOR DE PROMOVARE A CULTURII REZILIENȚEI	THE KNOWLEDGE AND DEVELOPMENT OF THE ORGANIZATIONAL RESILIENCE CAPABILITIES AND OF THE WAYS TO PROMOTE THE CULTURE OF RESILIENCE	Stiinte sociale si economice	SH2_7	Transformation of societies, democratization, social movements
576	PN-II-ID-PCE-2012-4-0598	Liviu Petrisor	Dinu	Universitatea din Bucuresti	Sistem de traducere automata din romana veche in romana moderna	Automatic translation system from old Romanian to modern Romanian	Stiinte sociale si economice	SH4_5	Formal, cognitive, functional and computational linguistics

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577	PN-II-ID-PCE-2012-4-0599	Badica	Costin	University of Craiova	MeAN: Platforma semantica pentru negocieri automate	MeAN: Meaningful Platform for Automated Negotiations	Matematica si Informatica	PE6_8	Intelligent systems
578	PN-II-ID-PCE-2012-4-0600	Praisler	Mirela	Universitatea Dunarea de Jos din Galati	Aplicatie Chemometrica pentru Recunoasterea Automata a Drogurilor	Chemometric Tool for the Automated Recognition of Drugs of Abuse	Medicina	LS7_5	Toxicology
579	PN-II-ID-PCE-2012-4-0601	SANDOVICI	Valerică Adrian	Universitatea „Alexandru Ioan Cuza” Iasi	Operatori Liniari Multivaluati pe Spatii Krein. Aplicatii	Multivalued Linear Operators on Krein Spaces. Applications	Matematica si Informatica	PE1_9	Operator algebras and functional analysis
580	PN-II-ID-PCE-2012-4-0603	Stancu-Minasian	Ioan	"Gheorghe Mihoc - Caius Iacob" Institute of Mathematical Statistics and Applied Mathematics of the Romanian Academy	Probleme de optimizare pe spatii masurabile cu aplicatii	Optimization problems on measurable spaces with applications	Matematica si Informatica	PE1_17	Control theory and optimization
581	PN-II-ID-PCE-2012-4-0604	Ursu	Ioan	Institutul National de Cercetare-Dezvoltare Aeronautica "Elie Carafoli"-INCAS Bucuresti	Analiza si controlul robust al structurilor aeronautice pe baza metodei exponentilor Lyapunov	RObust analysis and COntrol of aerospace structures based on Lyapunov EXponents (ROCOLEX)	Stiinte ingineresti	PE8_1	Aerospace engineering
582	PN-II-ID-PCE-2012-4-0605	Dumitrescu	Dumitru	Babes-Bolyai University, Cluj-Napoca	Rationalitate limitata, ecologica si sociala: noi concepte, modele si metaheuristici	Bounded, Ecological, and Social Rationality: New Concepts, Models, and Metaheuristics	Stiinte sociale si economice	SH1_6	Consumer choice, behavioral economics, marketing

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583	PN-II-ID-PCE-2012-4-0606	Popescu	Daniela	Gheorghe Asachi Technical University of Iasi	Metode de prelucrare a datelor pentru investigarea caracteristicilor energetice a cladirilor din punct de vedere tehnic si economic	Data analysis methods for technical and economical investigation of building energy characteristics	Stiinte ingineresti	PE8_3	Civil engineering, maritime/hydraulic engineering, geotechnics, waste treatment
584	PN-II-ID-PCE-2012-4-0607	Stanculescu	Anca	Institutul National de Cercetare-Dezvoltare pentru Fizica Materialelor	Noi structuri de tranzistor cu efect de camp flexibile si integral organice cu strat izolator din baze ale acizilor nucleici pentru senzori	NEW FLEXIBLE ALL-ORGANIC WITH NUCLEOBASES INSULATING LAYER FIELD EFFECT TRANSISTOR FOR FUTURE SENSING APPLICATIONS	Fizica	PE3_7	Semiconductors
585	PN-II-ID-PCE-2012-4-0608	COVAȘĂ	MIHAI	"STEFAN CEL MARE" UNIVERSITY OF SUCEAVA, ROMANIA	Analiza unor noi factori de risc ce influențează controlul ingestiei alimentelor și reglarea greutateii corpului	Analysis of novel risk factors influencing control of food intake and regulation of body weight	Biologie si Ecologie	LS4_5	Metabolism, biological basis of metabolism related disorders
586	PN-II-ID-PCE-2012-4-0609	Gosu	Armand	University of Bucharest	Procesul de luare a deciziei politice in Romania Comunista:O istorie documentara si analitica a relatiilor romano-sovietice(1948-1989)	Policy Making Processes in Communist Romania: A Documentary and Analytical History of Romanian-Soviet Relations(1948-1989)	Stiinte umaniste	SH6_10	Social, economic, cultural and political history
587	PN-II-ID-PCE-2012-4-0610	Irimia	Mihaela	University of Bucharest	CRONOTOPI AI MEMORIEI: DEIXĂ CULTURALĂ ȘI REPERE IDENTITARE	CHRONOTOPES OF MEMORY: CULTURAL DEIXIS AND IDENTITARY LANDMARKS	Stiinte umaniste	SH5_11	Cultural studies, cultural diversity
588	PN-II-ID-PCE-2012-4-0611	CIANGA	IOAN	"Petru Poni" Institute of Macromolecular Chemistry	Materialele avansate pot fi folosite cu succes in asistenta medicala: Nanoparticole fluorescente din polimeri conjugati pentru diagnostic si terapie	Advanced Materials Can Successfully Work in Healthcare: Fluorescent Conjugated Polymers Nanoparticles for Diagnosis and Therapy	Stiinta materialelor	PE5_12	Intelligent materials - self assembled materials

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589	PN-II-ID-PCE-2012-4-0612	Nicolae	Ioana	University Dunarea de Jos of Galati	Literatura în contextul globalizării. Modificări ale statutului estetic, socio-cultural și educațional al literaturii române după 1990.	Literature in the context of globalization. Changes in the aesthetic, socio-cultural and educational status of the Romanian literature after 1990.	Stiinte umaniste	SH5_2	History of literature
590	PN-II-ID-PCE-2012-4-0613	MAZILU	TRAIAN	University Politehnica of Bucharest	Cercetari privind dinamica interactiunii dintre un vehicul feroviar si cale la limita de stabilitate	Research on the dynamics of railway vehicle-track interaction at the stability limit	Stiinte ingineresti	PE8_8	Mechanical and manufacturing engineering (shaping, mounting, joining, separation)
591	PN-II-ID-PCE-2012-4-0614	Barbu	Daniel	University of Bucharest	Apariția post-democrației. Studiu longitudinal și transnațional asupra schimbării de regim în Uniunea Europeană. România, Italia și Marea Britanie	The Post-Democratic Turn. A Longitudinal and Cross-National Study of Regime Change in the European Union. Romania, Italy, and the United Kingdom	Stiinte sociale si economice	SH2_8	Political systems, legitimacy of governance
592	PN-II-ID-PCE-2012-4-0615	Veress	Carol	Universitatea Babeș-Bolyai	Condițiile și posibilitățile comunicării comprehensive	The Conditions and Possibilities of Understanding Communication	Stiinte umaniste	SH4_10	Philosophy, history of philosophy
593	PN-II-ID-PCE-2012-4-0616	Mihailescu	Eugen	INSTITUTE OF MATHEMATICS SIMION STOILOW OF THE ROMANIAN ACADEMY	TEORIE ERGODICA DIFERENTIABILA SI APLICATII.	SMOOTH ERGODIC THEORY AND APPLICATIONS.	Matematica si Informatica	PE1_10	ODE and dynamical systems
594	PN-II-ID-PCE-2012-4-0617	VLAD	Laurentiu	Universitatea din Bucuresti	Istoria unui stereotip: "România-Belgia Orientului". Modelul belgian în cultura politică și instituțională românească (sec. XIX-XX)	History of a Stereotype: "Romania-Belgium of the Orient". The Belgian Model in the Romanian Political and Institutional Culture (19-20 centuries)	Stiinte umaniste	SH6_5	Modern and contemporary history

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595	PN-II-ID-PCE-2012-4-0618	Höpken	Constanze	Muzeul Județean Mureș	Digitalizarea Limesului Roman. Sectorul: Brâncovenești-Sărățeni	Digitizing the Roman Limes. Sector: Brâncovenești-Sărățeni	Stiinte umaniste	SH6_1	Archaeology, archaeometry, landscape archaeology
596	PN-II-ID-PCE-2012-4-0619	Neagu	Adrian	UNIVERSITATEA DE MEDICINA SI FARMACIE VICTOR BABES TIMISOARA	Prepararea si caracterizarea agregatelor celulare ca elemente constructive ale unor structuri tisulare artificiale	Preparation and characterization of cell aggregates as building blocks of artificial tissue constructs	Biologie si Ecologie	LS1_6	Biophysics
597	PN-II-ID-PCE-2012-4-0620	Florian	Alexandru	Institutul National pentru Studierea Holocaustului din Romania "Elie Wiesel"	Reconstructia memoriei publice a Holocaustului in poastcomunism	The Reconstruction of Holocaust Public Memory in Post-communism	Stiinte sociale si economice	SH2_7	Transformation of societies, democratization, social movements
598	PN-II-ID-PCE-2012-4-0621	Payne	Keith	West University of Timisoara	Mecanisme cauzale ale formarii si schimbarii atitudinilor bazate pe conditionare afectiva	Causal mechanisms for attitudes formation and attitudes change based on evaluative conditioning	Stiinte sociale si economice	SH4_4	Clinical and experimental psychology
599	PN-II-ID-PCE-2012-4-0622	Bellalah	Mondher	The NATIONAL INSTITUTE of ECONOMIC RESEARCH "Costin C. Kirițescu", ROMANIAN ACADEMY	Proiectarea de produse financiare și bancare integrate psiho-personalizate - crearea unei schimbări de paradigmă în managementul riscului	Designing psycho-tailored integrated financial and banking products – creating a shift in risk management paradigm	Stiinte sociale si economice	SH1_4	Financial markets, banking and corporate finance
600	PN-II-ID-PCE-2012-4-0623	Creanga	Dorina-Emilia	University Alexandru Ioan Cuza in Iasi	Nanotoxicitatea particulelor fabricate asupra vietatilor din sol: de la bacetria Pseudomonas la anelidul Eisenia si la radacinile plantelor Hordeum	Engineered particles nanotoxicity on soil biota: from Pseudomonas bacteria to Eisenia annelid and Hordeum plant roots	Stiinta materialelor	PE5_10	Nanomaterials : nanoparticles, nanotubes

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601	PN-II-ID-PCE-2012-4-0624	Zaharia	Razvan	The Bucharest University for Economic Studies	Evaluarea impactului noilor tehnologii asupra marketingului politic si crearea unui model de marketing relational pentru stakeholderii politici	Evaluating the impact of new technologies on political marketing and creating a model of relationship marketing for political stakeholders	Stiinte sociale si economice	SH1_6	Consumer choice, behavioral economics, marketing
602	PN-II-ID-PCE-2012-4-0625	Cotoraci	Coralia	Universitatea de Vest "Vasile Goldis"	Cardiotoxicitatea antraciclinelor:noi aspecte in imunomodularea TLR4/TLR2 ca factor trigger:studiu in corelatie cu parametrii clinico-imuno-biochimici	Anthracycline cardiotoxicity:new aspects in TLR4/TLR2 immunomodulation as trigger factor:corellational study with clinic-imun-biochemical parameters	Biologie si Ecologie	LS4_7	Cardiovascular diseases
603	PN-II-ID-PCE-2012-4-0626	Condurache	Daniel	Universitatea Tehnica "Gheorghe Asachi"	Noi abordari in mecanica orbitala, cu aplicatii la formatii de sateliti si la sisteme spatiale distribuite	New Approaches to Orbital Mechanics, with Applications to Spacecraft Formation Flying and Distributed Space Systems	Fizica	PE9_15	Space Sciences
604	PN-II-ID-PCE-2012-4-0627	MOCANU	VERONICA	Grigore T Popa University of Medicine and Pharmacy Iasi	Obezitatea ca o boala inflamatorie: rolul cailor mediate de receptorii VDR si GR in disfuncția celulelor sistemului imun	Obesity as an inflammatory disease: the role of vitamin D receptor and glucocorticoid receptor pathways in immune cell dysfunction	Biologie si Ecologie	LS4_3	Endocrinology
605	PN-II-ID-PCE-2012-4-0628	SCARLAT	EMIL	The Bucharest Academy of Economic Studies	CADRU DE REALIZARE A SISTEMELOR INFORMATICE EXECUTIVE IN ARHITECTURA CLOUD COMPUTING	FRAMEWORK FOR EXECUTIVE INFORMATION SYSTEM'S DEVELOPEMENT IN CLOUD COMPUTING ARCHITECTURE	Stiinte sociale si economice	SH1_5	Competitiveness, innovation, research and development
606	PN-II-ID-PCE-2012-4-0629	Dinescu	Gheorghe	National Institute for Laser, Plasma and Radiation Physics	Diagnostica procesarii cu plasma: nanofibre versus nanopereti de carbon	Process diagnostic: carbon nanowalls versus carbon nanofibers plasma deposition	Fizica	PE2_5	Gas and plasma physics

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607	PN-II-ID-PCE-2012-4-0630	Ștefanovici	Smaranda	"Petru Maior" University	Comunicare transculturala și relațiile americano-romane în secolul XX: probleme culturale, ideologice și de limbă	Cross-Cultural Communication in the 20th Century American-Romanian Relations: Cultural, Ideological and Linguistic Issues	Științe umaniste	SH5_11	Cultural studies, cultural diversity
608	PN-II-ID-PCE-2012-4-0631	Albu	Lucian-Liviu	Institute for Economic Forecasting	Modelarea neliniară a impactului crizei asupra interacțiunilor dintre piețele financiare și variabilele macroeconomice pe piețele din ECE	Nonlinear modeling of the crisis impact on the interactions between the financial markets and the macroeconomic variables in the CEE markets	Științe sociale și economice	SH1_1	Macroeconomics, growth, business cycles
609	PN-II-ID-PCE-2012-4-0632	Chicinas	Ionel	Technical University of Cluj-Napoca	Pulberi și compacte nanocristaline/nanostructurate magnetice moi obținute prin mecanosinteza și sinterizare în plasmă	Soft magnetic nanocrystalline/nanostructured powders and compacts obtained by mechanosynthesis and spark plasma sintering	Științe ingineresti	PE8_9	Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...)
610	PN-II-ID-PCE-2012-4-0633	Cimpoesu	Fanica	Institute of Physical Chemistry Ilie Murgulescu	Dezvoltări metodologice și experimente teoretice asupra regimului de legătură și proiectarea proprietăților. De la atomi, la supra-molecule.	Methodological advances and theoretical experiments on the bonding regime and properties design. From atoms to supra-molecules.	Chimie	PE4_15	Theoretical and computational chemistry
611	PN-II-ID-PCE-2012-4-0634	SUSAN-RESIGA	Romeo Florin	"Politehnica" University of Timisoara	Instabilități auto-induse ale curgerii cu rotație în turbine hidraulice la regimuri departe de regimul optim	Self-induced instabilities of the swirling flow in hydraulic turbines far from the best efficiency regime	Științe ingineresti	PE8_5	Fluid mechanics, hydraulic-, turbo-, and piston engines
612	PN-II-ID-PCE-2012-4-0635	Szilagyi	Laszlo	Fundatia Sapientia - Universitatea Sapientia	Modele robuste de partiție, cu aplicații în clasificarea datelor medicale și reglare bazată pe model	Robust partition models with applications in medical data classification and model based control	Matematică și Informatică	PE6_8	Intelligent systems

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613	PN-II-ID-PCE-2012-4-0636	Dumitrescu	Horia	Institute of Mathematical Statistics and Applied Mathematics Gheorghe Mihoc - Caius Iacob	Metode active si pasive de crestere a portantei aplicate turbinelor eoliene, cu accent deosebit in cazul curgerilor desprinse (stall).	Active and passive lift force augmentation concepts on wind turbine performance with focus on the separate stall-flow	Stiinte ingineresti	PE8_1	Aerospace engineering
614	PN-II-ID-PCE-2012-4-0637	Zaman	Constantin	Danubius University, Galati	Dobandirea si pierderea de competente datorita inaintarii in varsta in Romania si implicatiile fiscal-bugetare ale fenomenului imbatranirii populatiei	Skill gain and loss related to ageing in Romania and fiscal implications of ageing phenomenon	Stiinte sociale si economice	SH2_2	Ageing, work, social policies
615	PN-II-ID-PCE-2012-4-0638	COSTACHIE	SILVIU	University of Bucharest	Noi provocari si oportunitati in secolul 21: imigrarea rromilor (tiganilor) din Europa de Est catre Occident. Studiu de caz: Romania.	New Challenges and Opportunities for the 21st Century: Eastern-European Roma (Gypsies) Immigration Towards the West. Case study: Romania.	Stiinte sociale si economice	SH2_6	Globalization, migration, interethnic relations
616	PN-II-ID-PCE-2012-4-0639	Palomba	Giulio	Dunarea de Jos University of Galati	Modelarea volatilității și a riscului pe piețele financiare emergente și în tranziție sub influența evoluției reale a economiei	Modeling volatility and risks in transition and emerging financial markets, under the influence of economy's real evolution	Stiinte sociale si economice	SH1_1	Macroeconomics, growth, business cycles
617	PN-II-ID-PCE-2012-4-0640	Litcanu	Razvan Dinu	Universitatea Alexandru Ioan Cuza din Iasi	Metode combinatorice si geometrice pentru studiul unor invarianti aritmetici	Combinatorial and geometric methods for studying arithmetic invariants	Matematica si Informatica	PE1_4	Algebraic and complex geometry
618	PN-II-ID-PCE-2012-4-0641	Purcar	Ioan Marius	UNIVERSITATEA TEHNICA DIN CLUJ-NAPOCA	Dezvoltarea si validarea unei metode noi, multiscalare de modelare a schimbarii formei electrodului in procesele electrochimice	Developing and Evaluation of a Novel Multiscale Approach to Electrode Shape Changes in the Electrochemical Processes	Chimie	PE4_9	Electrochemistry, electrodialysis, microfluidics

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619	PN-II-ID-PCE-2012-4-0642	Ilusty	Michael	SC Bioflux SRL	Testarea unor markeri fenotipici in vederea intelegerii procesului de imbatranire la vertebrate	Testing marker phenotypic traits for understanding of aging in vertebrates	Biologie si Ecologie	LS3_9	Development, developmental genetics, pattern formation and embryology in animals
620	PN-II-ID-PCE-2012-4-0643	Ilies	Alexandru	University of Oradea	MODELE ȘI SOLUȚII DE INTERCONECTARE SISTEMICĂ A AREALELOR FRONTALIERE CONTIGUI DE LA FRONTIERA EXTERNĂ ESTICĂ A U.E. ȘI NATO (SECTORUL ROMANESC)	MODELS AND SOLUTIONS OF SYSTEMIC INTERCONNECTION OF THE CONTIGUOUS BORDERLAND FROM THE EASTERN EXTERNAL BORDER OF E.U. AND NATO (ROMANIAN SECTOR)	Stiinte sociale si economice	SH3_6	Spatial and regional planning
621	PN-II-ID-PCE-2012-4-0644	Popescu	Marina	Lucian Blaga University of Sibiu	Regandind reprezentarea politica: exista o legatura intre personalizarea campaniilor electorale si comportamentul in Parlament?	Re-thinking Individual Representation: Campaign Personalization and Legislative Behavior	Stiinte sociale si economice	SH2_8	Political systems, legitimacy of governance
622	PN-II-ID-PCE-2012-4-0645	Baleanu	Dumitru	Institute of Space Sciences, legal branch of National Institute for Laser, Plasma and Radiation Physics	Metode Avansate de Dinamica Fractionala in Studiul Sistemelor Complexe: Modele Teoretice si Validare Experimentală	Advanced Fractional Dynamics of Complex Systems: Theoretical Models and Experimental Validation	Fizica	PE2_14	Non-linear physics
623	PN-II-ID-PCE-2012-4-0646	Beu	Titus	University Babes-Bolyai	Studii computaționale de transport ionic și încapsulare / translocare de ADN prin nanotuburi de carbon controlate voltaic	Computational studies of ionic transport and encapsulation / translocation of DNA through voltage-controlled carbon nanotubes	Fizica	PE3_14	Molecular electronics
624	PN-II-ID-PCE-2012-4-0647	Plugaru	Neculai	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU FIZICA MATERIALELOR	Experimente si calcule ab initio asupra structurilor cristaline si magnetice in sisteme masive si filme de RMn2O5 (R= elemente 4f sau 5d)	Experiment and ab initio Calculations on Crystal and Magnetic Structures of RMn2O5 Bulk and Film Systems (R= 4f or 5d element)	Fizica	PE3_12	Nanophysics: nanoelectronics, nanophotonics, nanomagnetism

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625	PN-II-ID-PCE-2012-4-0648	Badiu	Corin	"Carol Davila" University of Medicine and Pharmacy	Efectele substitutiei tiroidiene asupra bioritmurilor răspunsurilor de sensibilitate termică mediate de canalele TRP termo-sensibile în hipotiroidism.	Effects of thyroid hormones replacement on biorhythms of thermal sensitivity responses, mediated by thermo-sensitive TRP channels in hypothyroidism.	Biologie si Ecologie	LS4_3	Endocrinology
626	PN-II-ID-PCE-2012-4-0649	Vatasescu	Mihaela	Institute of Space Science	Control cuantic si dinamica coerenta in sisteme atomice si moleculare ultrareci	Quantum control and coherent dynamics in ultracold atomic and molecular systems	Fizica	PE2_7	Atomic, molecular physics
627	PN-II-ID-PCE-2012-4-0650	CACE	SORIN	INSTITUTE FOR QUALITY OF LIFE, ROMANIAN ACADEMY	Impactul proiectelor FSE din domeniul incluziunii sociale, implementate (în curs de implementare) asupra comunităților de romi	Impact of implemented (under implementation) FSE social inclusion projects upon Roma communities	Stiinte sociale si economice	SH2_2	Ageing, work, social policies
628	PN-II-ID-PCE-2012-4-0651	Voicu	Victor	University of Medicine and Pharmacy Carol Davila Bucharest	Screening-ul in vitro al limitarilor biofarmaceutice si al consecintelor farmacodinamice/toxicodinamice ale oximelor	In vitro screening of biopharmaceutical limitations and pharmacodynamic/toxicodynamic consequences for oximes	Medicina	LS7_3	Pharmacology, pharmacogenomics, drug discovery and design, drug therapy
629	PN-II-ID-PCE-2012-4-0652	Balan	Radu	Technical University of Cluj-Napoca	Schimbarea comportamentului uman – o soluție pentru creșterea eficienței energetice în clădiri	Changing Human Behaviour - a solution to improve the energy efficiency of buildings	Stiinte sociale si economice	SH3_1	Environment and sustainability
630	PN-II-ID-PCE-2012-4-0653	NEACȘU	ELVIRA-ADRIANA	UNIVERSITY OF CRAIOVA	FILOSOFIE ȘI TEURGIE.NEOPLATONISMUL CA BASTION PĂGÂN ÎN ZORII EREI CREȘTINE	PHILOSOPHY AND THEURGY. THE NEO-PLATONISM AS A PAGAN CITADEL IN THE EARLY CHRISTIAN ERA	Stiinte umaniste	SH4_10	Philosophy, history of philosophy

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631	PN-II-ID-PCE-2012-4-0654	Banciu	Marian Gabriel	National Institute of Materials Physics	Investigarea in terahertzi si unde milimetrice a materialelor dielectrice si a structurilor avansate	Investigations on advanced dielectric materials and structures in Terahertz and millimeter waves	Stiinte ingineresti	PE7_6	Communication technology, high-frequency technology
632	PN-II-ID-PCE-2012-4-0655	Radosav	Doru	Universitatea Babes-Bolyai	Memoria aurului. Mineri si minerit in Transilvania in secolele XIX si XX.	Golden Memories. Miners and Mining in Transylvania in the 19th and 20th Centuries	Stiinte umaniste	SH6_11	Collective memories, identities, lieux de m
633	PN-II-ID-PCE-2012-4-0656	Nemes	Ovidiu	Technical University of Cluj-Napoca	Analiza neliniara si modelarea asamblarilor lipite	Non-linear analysis and modelling of adhesive bonded joints assemblies	Stiinte ingineresti	PE8_8	Mechanical and manufacturing engineering (shaping, mounting, joining, separation)
634	PN-II-ID-PCE-2012-4-0657	Dondera	Mihai	University of Bucharest	Sisteme atomice in interactie cu radiatie coerenta intensa	Atomic systems in interaction with intense coherent radiation	Fizica	PE2_7	Atomic, molecular physics
635	PN-II-ID-PCE-2012-4-0658	Teh	Bin Tean	Fundatia Dan Setlacec	Studiul genomic si epigenomic al familiei de gene MLL in oncogeneza cancerului pancreatic	Genomic and Epigenetic studies of MLL family in pancreatic cancer oncogenesis	Medicina	LS7_2	Diagnostic tools (e.g. genetic, imaging)
636	PN-II-ID-PCE-2012-4-0659	SCHUBERT	RAINER	Universitatea Babes Bolyai	Popularizarea filosofiei lui Lucian Blaga in spatiul cultural de limba germana	Dissemination of the Philosophy of Lucian Blaga in the German Language Cultural Space	Stiinte umaniste	SH6_9	History of ideas, intellectual history

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637	PN-II-ID-PCE-2012-4-0660	Virgil	Iordache	University of Bucharest	Un model de dezvoltare durabilă neutru cu privire la ideologii politice, preferințe religioase și paradigme științifice	A model of sustainable development neutral with respect to political ideologies, religious preferences, and environmental sciences paradigms	Științe sociale și economice	SH3_1	Environment and sustainability
638	PN-II-ID-PCE-2012-4-0661	Geta	Carac	Dunarea de Jos University of Galati	Noi lichide ionice protice, bazate pe cationi de pirolidina și imidazol, ca aditivi de cristalizare ai proteinelor	New Protic Ionic Liquids Based on Pyrrolidinium and Imidazolium Cations as Protein Crystalization Additives	Știința materialelor	PE5_7	Ionic liquids
639	PN-II-ID-PCE-2012-4-0662	Carmen Maria	Ardeleanu	"VICTOR BABES" NATIONAL INSTITUTE OF RESEARCH-DEVELOPMENT IN THE FIELD OF PATHOLOGY AND BIOMEDICAL SCIENCES	Normal vs tumoral - in cercetarea unui interactom. Factori structurali implicați în interacțiunile dintre sistemul neuroendocrin și cel interstital.	Normal vs tumor - in search of an interactome. Structural factors involved in the cross-talk between the neuroendocrine and the interstitial systems.	Biologie și Ecologie	LS1_1	Molecular biology and interactions
640	PN-II-ID-PCE-2012-4-0663	Salajan	Florin	Universitatea Babeș-Bolyai Departamentul de Științe ale Educației	Îmbogățirea și consolidarea programelor de pregătire a cadrelor didactice din Statele Unite și România, prin design comparativ trans-cultural	Enriching and Strengthening Teacher Preparation Programs in the United States and Romania via Cross-Cultural Comparative Design	Științe sociale și economice	SH4_13	Education: principles, techniques, typologies
641	PN-II-ID-PCE-2012-4-0664	Badea	Radu	"Iuliu Hatieganu" University of Medicine and Pharmacy	EVALUAREA NEINVAZIVA A ACUMULARII SI DEGRADARII FIBROZEI HEPATICE: STUDIU IN VIVO DE IMAGISTICA SI FARMACOLOGIE MOLECULARA	NONINVASIVE ASSESSMENT OF LIVER FIBROSIS ACCUMULATION AND DEGRADATION: IN VIVO MOLECULAR IMAGING AND MOLECULAR PHARMACOLOGY STUDY	Biologie și Ecologie	LS1_1	Molecular biology and interactions
642	PN-II-ID-PCE-2012-4-0665	Agapie	Alexandru	ACADEMIA DE STUDII ECONOMICE DIN BUCURESTI	Algoritmi evolutivi pe spații continue: proprietăți teoretice și aplicații	Evolutionary algorithms on continuous space: theoretical properties and applications	Matematică și Informatică	PE1_15	Mathematical aspects of computer science

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643	PN-II-ID-PCE-2012-4-0666	Maria	Dinescu	National Institute of Lasers, Plasma and Radiation Physics	Producerea de dispozitive fotonice compacte prin procesarea laser a materialelor feroelectrice	Generation of compact photonic devices by laser processing of ferroelectric materials	Stiinta materialelor	PE5_4	Thin films
644	PN-II-ID-PCE-2012-4-0667	Preda	Vasile	University of Bucharest	Tehnici statistice si de optimizare in managementul riscului	Statistical and optimization techniques in risk management	Stiinte sociale si economice	SH1_3	Econometrics, statistical methods
645	PN-II-ID-PCE-2012-4-0668	Benga	Oana	Babes-Bolyai University	Autoreglarea materna, practicile parentale si autoreglarea copilului in copilaria timpurie: implicatii pentru psihopatologia dezvoltarii	Maternal self-regulation, parenting practices and child self-regulation in early childhood: implications for developmental psychopathology	Stiinte sociale si economice	SH4_2	Human life-span development
646	PN-II-ID-PCE-2012-4-0669	Stavri	Henriette	Colentina Clinical Hospital	Microbiologia si metagenomica florei microbiene orale pentru controlul si preventia cariilor la copilul mic; implicatii in sanatate publica.	Microbiology and metagenomics of the oral microbiota for early childhood caries control and prevention; public health involvement.	Medicina	LS7_2	Diagnostic tools (e.g. genetic, imaging)
647	PN-II-ID-PCE-2012-4-0670	Sandulescu	Aurel	Horia Hulubei Foundation	Studiul sistematic al competitiei dintre procesele de fisiune si dezintegrarea alpha in nucleele cele mai grele.	The systematic study of competition between fission and alpha decay processes in heaviest nuclei.	Fizica	PE2_3	Nuclear physics
648	PN-II-ID-PCE-2012-4-0671	Constantinescu	Radu Dan	University of Craiova	NEUROFIN - MODELE DE DINAMICA NELINIARA IN NEUROSTIINTE SI FINANTE	NEUROFIN - MODELS OF NONLINEAR DYNAMICS IN NEUROSCIENCES AND FINANCE	Fizica	PE2_14	Non-linear physics

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649	PN-II-ID-PCE-2012-4-0672	Toma	Maricela	"C.D.Nenitzescu" Center of Organic Chemistry of the Romanian Academy	Allelopathy studies any process involving secondary metabolites produced by plants, algae, bacteria, and fungi that influence the growth and developme	Allelopathic survey of Romanian weeds and crops for green herbicides	Stiintele vietii aplicate si Biotehnologii	LS9_5	Agriculture related to crop production, soil biology and cultivation, applied plant biology
650	PN-II-ID-PCE-2012-4-0673	Rus	Alin	"Alexandru Ioan Cuza" University of Iasi	Noi piese pentru un puzzle vechi: o investigație trans-culturală a istoriei populaționale din zona Carpații Orientali-Valea Siretului, România	New pieces for an older puzzle: a cross-cultural investigation of the population history in the Eastern Carpathians-Siret Valley area of Romania	Stiinte sociale si economice	SH2_7	Transformation of societies, democratization, social movements
651	PN-II-ID-PCE-2012-4-0674	Forray	Ferenc Lazar	Babes-Bolyai University	Studiul geochimic complex a surselor de ape minerale carbogazoase din Romania	Complex geochemical study of the Romanian sparkling mineral waters sources	Stiintele pamantului	PE10_11	Geochemistry, crystal chemistry, isotope geochemistry, thermodynamics,