

Program IDEI_Proiecte de Cercetare Exploratorie_Competitie 2012
Rezultate finale_Matematika si Informatica

Nr. Crt.	Cod Proiect	Domeniu	Nume	Prenume	Institutie	Titlu	Punctaj final
1	PN-II-ID-PCE-2012-4-0201	Matematica si Informatica	Radulescu	Florin	Institute of Mathematics of the Romanian Academy "S. Stoilow"	Research in Operator Algebra and Applications to Number Theory	95.33
2	PN-II-ID-PCE-2012-4-0364	Matematica si Informatica	GILLE	PHILIPPE	"Simon Stoilow" Institute of Mathematics of the Romanian Academy	ARITHMETIC HOMOGENEOUS SPACES	94.67
3	PN-II-ID-PCE-2012-4-0021	Matematica si Informatica	Mihailescu	Mihai	Institutul de Matematica al Academiei Romane - Simion Stoilow	Variable Exponent Analysis: Partial Differential Equations and Calculus of Variations	91.93
4	PN-II-ID-PCE-2012-4-0156	Matematica si Informatica	Brinzanescu	Vasile	Institute of Mathematics "Simion Stoilow" of the Romanian Academy	Topological and analytical invariants of complex varieties	90.6
5	PN-II-ID-PCE-2012-4-0581	Matematica si Informatica	Leordeanu	Marius	Institute of Mathematics of the Romanian Academy (IMAR)	Automatic Video Understanding Using Higher-order Interactions between Local Features	89.66
6	PN-II-ID-PCE-2012-4-0640	Matematica si Informatica	Litcanu	Razvan Dinu	Universitatea Alexandru Ioan Cuza din Iasi	Combinatorial and geometric methods for studying arithmetic invariants	88.8
7	PN-II-ID-PCE-2012-4-0270	Matematica si Informatica	ANITA	Sebastian	Alexandru Ioan Cuza University of Iasi	Optimal Control and Stabilization of Nonlinear Parabolic Systems with State Constraints. Applications in Life Sciences and Economics	88.67
8	PN-II-ID-PCE-2012-4-0456	Matematica si Informatica	Popa	Catalin George	Universitatea "Alexandru Ioan Cuza" din Iasi	Controllability and stabilizability for the equations of fluid dynamics	88.67
9	PN-II-ID-PCE-2012-4-0100	Matematica si Informatica	Marcus	Andrei	Universitatea Babes-Bolyai	Categorical and combinatorial methods in representation theory	88.33
10	PN-II-ID-PCE-2012-4-0365	Matematica si Informatica	Sasu	Bogdan	West University of Timisoara	QUALITATIVE ASPECTS IN DYNAMICAL SYSTEMS THEORY AND APPLICATIONS IN SCIENCES	88
11	PN-II-ID-PCE-2012-4-0378	Matematica si Informatica	VILCU	Costin	Institute of Mathematics "Simion Stoilow" of the Romanian Academy	Contributions to the geometry of convex surfaces	88
12	PN-II-ID-PCE-2012-4-0052	Matematica si Informatica	Bot	Radu Ioan	Babes-Bolyai University Cluj Napoca	Theoretical foundations and algorithmic implementations for convex optimization problems arising in different areas of applied mathematics	87
13	PN-II-ID-PCE-2012-4-0616	Matematica si Informatica	Mihailescu	Eugen	INSTITUTE OF MATHEMATICS SIMION STOILOW OF THE ROMANIAN ACADEMY	SMOOTH ERGODIC THEORY AND APPLICATIONS.	87
14	PN-II-ID-PCE-2012-4-0085	Matematica si Informatica	Rasa	Ioan	Universitatea Tehnica din Cluj-Napoca	Positive operators, Markov semigroups and applications to certain associated equations	86.67
15	PN-II-ID-PCE-2012-4-0317	Matematica si Informatica	Tiplea	Ferucio Laurentiu	Universitatea "Alexandru Ioan Cuza" din Iasi	Soundness Verification of Workflow Nets	86.13

**Conform Pachetului de Informatii proiectele cu punctaje mai mici de 75 puncte sunt nefinantabile

Program IDEI_Proiecte de Cercetare Exploratorie_Competitie 2012
Rezultate finale_Matematika si Informatica

Nr. Crt.	Cod Proiect	Domeniu	Nume	Prenume	Institutie	Titlu	Punctaj final
16	PN-II-ID-PCE-2012-4-0131	Matematica si Informatica	Bucataru	Ioan	Universitatea "Alexandru Ioan Cuza" din Iasi	Geometric structures and invariants for differential equations fields	85.66
17	PN-II-ID-PCE-2012-4-0406	Matematica si Informatica	Repovs	Dusan	University of Craiova	Topological and geometrical methods in nonlinear analysis	85.33
18	PN-II-ID-PCE-2012-4-0513	Matematica si Informatica	Joita	Maria	University of Bucharest	CONSTRUCTIONS OF PRO-C*-ALGEBRAS, VON NEUMANN ALGEBRAS AND HILBERT C*-MODULES	85.33
19	PN-II-ID-PCE-2012-4-0171	Matematica si Informatica	Udriste	Constantin	University Politehnica of Bucharest	Multitime Optimal Control and Solitons	84.67
20	PN-II-ID-PCE-2012-4-0199	Matematica si Informatica	Curteanu	Silvia	Technical University Gheorghe Asachi Iasi	Biologically-inspired algorithms developed for modelling and optimization of complex chemical processes	84.67
21	PN-II-ID-PCE-2012-4-0525	Matematica si Informatica	Lucanu	Dorel	Universitatea „Alexandru Ioan Cuza” din Iasi	TRAK: Generic Tools for Reasoning and Analysis in the K Framework	84.4
22	PN-II-ID-PCE-2012-4-0132	Matematica si Informatica	Marinoschi	Gabriela	Gheorghe Mihoc-Caius Iacob Institute of Mathematical Statistics and Applied Mathematics	Variational methods for the treatment of nonlinear PDE based models	83.34
23	PN-II-ID-PCE-2012-4-0278	Matematica si Informatica	Ivan	Dumitru Mircea	Universitatea Tehnica din Cluj-Napoca	Exploring New Methods in Approximation Theory and Applications	80
24	PN-II-ID-PCE-2012-4-0035	Matematica si Informatica	ANDREI	Neculai	National Institute for Research and Development in Informatics	Theoretical and computational developments on conjugate gradient algorithms for large-scale unconstrained optimization	79.67
25	PN-II-ID-PCE-2012-4-0345	Matematica si Informatica	Berinde	Vasile	Universitatea Tehnica din Cluj-Napoca Centrul Universitar Nord din Baia Mare	Fixed Point Iterative Methods for Solving Nonlinear Functional Equations and Optimization Problems	78.67
26	PN-II-ID-PCE-2012-4-0037	Matematica si Informatica	Pasa	Gelu	Institute of Mathematics Simion Stoilow of the Romanian Academy	Mathematical modelling, optimization and stability of interfaces in oil recovery, thin films and P.E.M. fuel cells problems.	78.34
27	PN-II-ID-PCE-2012-4-0376	Matematica si Informatica	Vajaitu	Marian	Institute of Mathematics Simion Stoilow of the Romanian Academy	p-Adic Analytic Functions and Distributions of Sequences	75.99
28	PN-II-ID-PCE-2012-4-0289	Matematica si Informatica	Breckner	Brigitte Erika	Babes-Bolyai University	Topological and variational methods for the study of nonlinear problems on domains in R^N and on fractals	75.67
29	PN-II-ID-PCE-2012-4-0599	Matematica si Informatica	Badica	Costin	University of Craiova	MeAN: Meaningful Platform for Automated Negotiations	75.66
30**	PN-II-ID-PCE-2012-4-0322**	Matematica si Informatica	Popa	Dorian	Technical University of Cluj-Napoca	Approximate solutions, functional inclusions with applications to the stability of equations and operators.	74.67**

**Conform Pachetului de Informatii proiectele cu punctaje mai mici de 75 puncte sunt nefinantabile

Program IDEI_Proiecte de Cercetare Exploratorie_Competitie 2012
Rezultate finale_Matematika si Informatica

Nr. Crt.	Cod Proiect	Domeniu	Nume	Prenume	Institutie	Titlu	Punctaj final
31**	PN-II-ID-PCE-2012-4-0316**	Matematica si Informatica	Ioan	Daniel	Universitatea Politehnica Bucuresti	Hierarchical and Adaptive Modeling of the High Frequency Electromagnetic Devices – HAMFRED	74.34**
32**	PN-II-ID-PCE-2012-4-0150**	Matematica si Informatica	Danca	Marius-Florin	Institutul Roman de Stiinta si Tehnologie	PARAMETER SWITCHING FOR SOME CLASSES OF DYNAMICAL SYSTEMS AND GENERALIZATIONS OF THE PARRONDO'S PARADOX; PROPERTIES AND APPLICATIONS	74.33**
33**	PN-II-ID-PCE-2012-4-0582**	Matematica si Informatica	Trăușan-Matu	Ștefan	Universitatea Politehnica din Bucuresti	A Framework for Supporting CReativity, Understanding and Metacognition (SCRUM)	74**
34**	PN-II-ID-PCE-2012-4-0160**	Matematica si Informatica	Rasche	Christoph	Universitatea Politehnica Bucuresti Laboratorul de Analiza si Prelucrarea Imaginilor	Shape Recognition with Abstracted Segments and its Application in Object Recognition, Medical Imaging and Gesture Recognition	73**
35**	PN-II-ID-PCE-2012-4-0259**	Matematica si Informatica	Ene	Viviana	Ovidius University, Constanta	Algorithmic, Homological, and Combinatorial Methods in Commutative Algebra	70.67**
36**	PN-II-ID-PCE-2012-4-0521**	Matematica si Informatica	Dunca	Argus Adrian	Spiru Haret University	On a nonlinear filtering technique in computational fluid dynamics with applications to edge preserving and noise reduction in image processing	69.66**
37**	PN-II-ID-PCE-2012-4-0044**	Matematica si Informatica	DUMITRU	POPA	Universitatea Ovidius din Constanta	Absolutely summing multilinear operators	69.33**
38**	PN-II-ID-PCE-2012-4-0537**	Matematica si Informatica	Oprea	Mihaela	University Petroleum-Gas of Ploiesti	Research concerning the development and application of new hybrid intelligent forecasting techniques based on nature inspired algorithms	69**
39**	PN-II-ID-PCE-2012-4-0157**	Matematica si Informatica	BUSE	CONSTANTIN	WEST UNIVERSITY OF TIMISOARA	Asymptotic behavior and controllability for evolution equations in Banach spaces	68.67**
40**	PN-II-ID-PCE-2012-4-0041**	Matematica si Informatica	Postolache	Mihai	University Politehnica of Bucharest	Variational Analysis and Fixed Point Problems. A Qualitative Study with Applications	68.66**
41**	PN-II-ID-PCE-2012-4-0367**	Matematica si Informatica	Barcau	Alexandru Mugurel	Institute of Mathematics Simion Stoilow of the Romanian Academy	Arithmetic Differential Operators	68.34**
42**	PN-II-ID-PCE-2012-4-0352**	Matematica si Informatica	BADEA	LIVIU	Institutul Național de Cercetare-Dezvoltare în Informatică - I.C.I. București	Intelligent discovery system for genomic cancer markers applied to personalized diagnosis and therapy	67**
43**	PN-II-ID-PCE-2012-4-0095**	Matematica si Informatica	Carabeanu	Adrian	Ovidius University of Constanta	Mathematical models of behaviour of the pre-stressed elastic composites with cracks.	65.34**
44**	PN-II-ID-PCE-2012-4-0224**	Matematica si Informatica	Ungureanu	Viorica-Mariela	Universitatea Constantin Brancusi	OPTIMAL CONTROL FOR INFINITE MARKOV JUMP LINEAR SYSTEMS	65**
45**	PN-II-ID-PCE-2012-4-0211**	Matematica si Informatica	Popovici	Nicolae	Universitatea Babes-Bolyai	VECTOR OPTIMIZATION AND RELATED VARIATIONAL PROBLEMS - THEORETICAL AND COMPUTATIONAL APPROACHES	64**

**Conform Pachetului de Informatii proiectele cu punctaje mai mici de 75 puncte sunt nefinantabile

Program IDEI_Proiecte de Cercetare Exploratorie_Competitie 2012
Rezultate finale_Matematika si Informatica

Nr. Crt.	Cod Proiect	Domeniu	Nume	Prenume	Institutie	Titlu	Punctaj final
46**	PN-II-ID-PCE-2012-4-0238**	Matematica si Informatica	Mihet	Dorel	West University of Timisoara	Current topics in probabilistic and fuzzy structures	63.67**
47**	PN-II-ID-PCE-2012-4-0665**	Matematica si Informatica	Agapie	Alexandru	ACADEMIA DE STUDII ECONOMICE DIN BUCURESTI	Evolutionary algorithms on continuous space: theoretical properties and applications	63.33**
48**	PN-II-ID-PCE-2012-4-0392**	Matematica si Informatica	Mihai	Ion	University of Bucharest	Modern Research Topics in Submanifold Theory	63**
49**	PN-II-ID-PCE-2012-4-0034**	Matematica si Informatica	Miculescu	Radu	UNIVERSITATEA DIN BUCURESTI	Topological aspects of the attractors of iterated function systems	62.66**
50**	PN-II-ID-PCE-2012-4-0540**	Matematica si Informatica	Silaghi	Gheorghe Cosmin	Universitatea Babes-Bolyai	Efficient Resource Management in Heterogeneous Clouds	62**
51**	PN-II-ID-PCE-2012-4-0047**	Matematica si Informatica	calugareanu	grigore	Babes-Bolyai University	Algebra Research in Lattices, Modules and Hypergroups	61.66**
52**	PN-II-ID-PCE-2012-4-0601**	Matematica si Informatica	SANDOVICI	Valerică Adrian	Universitatea „Alexandru Ioan Cuza” Iasi	Multivalued Linear Operators on Krein Spaces. Applications	61.34**
53**	PN-II-ID-PCE-2012-4-0353**	Matematica si Informatica	Alexandru	Catalin	Universitatea Transilvania din Brasov	Researches on the intelligent tracking systems used for increasing the efficiency of the photovoltaic strings	60.99**
54**	PN-II-ID-PCE-2012-4-0536**	Matematica si Informatica	Popescu	Bogdan	National Institute of Research and Development for Mechatronics and Measurement Technique	ANALYSIS AND MODELLING OF PIEZOELECTRIC MICRO POWER GENERATORS FOR MEMS APPLICATIONS - MUPPET	60**
55**	PN-II-ID-PCE-2012-4-0603**	Matematica si Informatica	Stancu-Minasian	Ioan	"Gheorghe Mihoc - Caius Iacob" Institute of Mathematical Statistics and Applied Mathematics of the Romanian Academy	Optimization problems on measurable spaces with applications	59.33**
56**	PN-II-ID-PCE-2012-4-0324**	Matematica si Informatica	Breaz	Valer Daniel	1 Decembrie 1918 University of Alba Iulia	Mathematics Applied in the Comparative Cartographical Analysis of Joseph II Maps and Recent Cartographical Materials concerning Transylvania	59**
57**	PN-II-ID-PCE-2012-4-0093**	Matematica si Informatica	Fotea	Violeta	Universitatea "Alexandru Ioan Cuza" din Iasi	Generalized algebraic structures. Applications	57.33**
58**	PN-II-ID-PCE-2012-4-0635**	Matematica si Informatica	Szilagy	Laszlo	Fundatia Sapientia - Universitatea Sapientia	Robust partition models with applications in medical data classification and model based control	56.66**
59**	PN-II-ID-PCE-2012-4-0313**	Matematica si Informatica	Busneag	Dumitru	University of Craiova	Algebraic methods in universal algebra with applications in knowledge representations and processing	56**
60**	PN-II-ID-PCE-2012-4-0260**	Matematica si Informatica	Bonciocat	Nicolae Ciprian	Simion Stoilow Institute of Mathematics of the Romanian Academy	Irreducibility and indecomposability in polynomial algebras	53.67**

**Conform Pachetului de Informatii proiectele cu punctaje mai mici de 75 puncte sunt nefinantabile

Program IDEI_Proiecte de Cercetare Exploratorie_Competitie 2012
Rezultate finale_Matematika si Informatica

Nr. Crt.	Cod Proiect	Domeniu	Nume	Prenume	Institutie	Titlu	Punctaj final
61**	PN-II-ID-PCE-2012-4-0048**	Matematica si Informatica	Pop	Ioan	Universitatea Babes-Bolyai	Numerical and analytical methods in viscous fluids and porous media filled by nanofluids	52.67**
62**	PN-II-ID-PCE-2012-4-0249**	Matematica si Informatica	Caleanu	Catalin-Daniel	University POLITEHNICA from Timisoara	Innovative Methods for Biometric Person Identification	49.33**
63**	PN-II-ID-PCE-2012-4-0556**	Matematica si Informatica	DOBRICA	LILIANA	University Politehnica of Bucharest	Advanced Technologies for the Reuse and Migration of Applications to the Interoperable Cloud Services	48.33**
64**	PN-II-ID-PCE-2012-4-0574**	Matematica si Informatica	MIHAI	ADELA - GABRIELA	Technical University of Civil Engineering Bucharest	Geometry of pseudo-Riemannian manifolds and their submanifolds with applications to other research fields	45.67**

**Conform Pachetului de Informatii proiectele cu punctaje mai mici de 75 puncte sunt nefinantabile