

DOCTORAL THESIS DEFENDED IN IOSUD - UPT IN 2015 ([further details](#))

Crt. No.	Date	Author	Doctoral thesis title	Doctoral supervisor	Doctoral studies field
1	09.01.2015	Vergina POPESCU	Considerations concerning the management of meteoric water from population centres	Adrian RETEZAN	Civil Engineering
2	14.01.2015	Hanna-Kinga SCHRAMKO-FÖLDEVÁRY	Comparative researches on knowledge management in Romanian engineering higher education	Anca DRĂGHICI	Engineering and Management
3	16.01.2015	Gheorghe Daniel POPA	Considerations concerning the management of meteoric water from population centres	Marius OTEȘTEANU	Electronic Engineering and Telecommunications
4	23.01.2015	Felicia STREIAN	Biopostural assessment of biomechanical parameters and clinical applications in oral and maxillofacial surgery	Inocențiu MANIU Angela Codruța PODARIU	Mechanical Engineering
5	23.01.2015	Mariana Carmen PERIANU HOLOTESCU	Emerging Technologies in Education. Conceiving and Building a Microblogging Platform for Formal and Informal Learning	Vladimir-Ioan CREȚU	Computers and Information Technology
6	30.01.2015	Liviu Viorel PASCU	Researches on improving the quality of brake shoes meant for use with the rolling stock	Teodor HEPUȚ	Materials Engineering
7	10.02.2015	Carsten STRÜBBE	Influence of microstructure on the metal dusting behaviour of self-fluxing NiCrBSi alloys	Viorel-Aurel ȘERBAN Waltraut BRANDL	Materials Engineering
8	20.02.2015	Nicoleta BULARDA	Metal alloys used to produce wheel rims for road vehicles	Teodor HEPUȚ	Materials Engineering
9	20.02.2015	Mihail VĂTĂȘESCU	Contributions to increase safety and health at work flow in hot steel processing	Teodor HEPUȚ	Materials Engineering
10	04.03.2015	Vlad Gabriel GURZA	Urban security	Teodor Octavian GHEORGHIU	Architecture

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11	06.03.2015	Sorin-Ioan MAISTOR	Researches regarding the changes in supply chain at demand variations in the automotive industry	Marian MOCAN	Engineering and Management
12	06.03.2015	Carla TODUȚ	Seismic strengthening of precast RC wall panels using FRP composites	Valeriu STOIAN	Civil Engineering
13	09.03.2015	Simon-Alexandru PESCARI	Studies and researces on energy performance of the buildings based on sustenability	Valeriu STOIAN	Civil Engineering
14	13.03.2015	Alina LĂSCUȚONI	Research on mathematical modeling of the steel thermal regime in the ladle-tundish-crystallizer	Teodor HEPUȚ	Materials Engineering
15	13.03.2015	Mihaela VĂTĂȘESCU (PAȘCA)	Contributions management systems, occupational health and safety in the steel industry	Teodor HEPUȚ	Materials Engineering
16	13.03.2015	Șerban MICLEA	Research regarding marketing activities in small and medium enterprises	Monica IZVERCIAN	Engineering and Management
17	20.03.2015	Mircea KREPELKA	Prospective study on geometrical parameters of hip prostehses	Liviu MARȘAVINA	Mechanical Engineering
18	24.03.2015	Mircea Paul SĂMĂNȚĂ	Sustainable thermal rehabilitation of collective dwellings. Case study	Mihai JĂDĂNEANȚ	Industrial Engineering
19	26.03.2015	Mirela Adriana IOAN (căs. CHESOAN)	Seismic performance of recentring dual eccentrically braced frames with removable links	Dan DUBINĂ	Civil Engineering
20	27.03.2015	Otilia – Alexandra TUDORAN	Integrated modular systems for emergency situations	Daniel Mihai GRECEA	Civil Engineering
21	27.03.2015	Ionel Aurel DRĂGHICI	Analysis at variable speed of the hidrodinamic field at the storage pumps impeller inlet	Liviu Eugen ANTON	Mechanical Engineering
22	27.03.2015	Anamaria TODEA	Enzymatic synthesis and characterization of novel polyester biomerials	Francisc PETER	Chemical Engineering

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23	03.04.2015	Raluca CREȚU	Enhancement of cathodic hydrogen evolution reaction by proton carriers	Nicolae VASZILCSIN	Chemical Engineering
24	03.04.2015	Ștefan PAVEL	Contributions to the modernization of electrical installations for medical dental units	Ioan BORZA	Civil Engineering and Building Services
25	03.04.2015	Dorica-Magdalena ARDELEAN	Detection of pharmaceuticals and anions in water using carbon-based electrodes	Rodica PODE	Chemical Engineering
26	08.04.2015	Cristian COȘARIU	Adaptive traffic control using bio-inspired optimization	Mircea VLĂDUȚIU	Computers and Information Technology
27	08.04.2015	Alexandru IVANOVICI	Designing low latency, fault tolerant Sensor Networks based on Network Science	Mircea VLĂDUȚIU	Computers and Information Technology
28	09.04.2015	Andreea BOZESAN	Contributions in the field of information security. Error-Detection Mechanisms	Mircea VLĂDUȚIU	Computers and Information Technology
29	09.04.2015	Tudor VOICONI	Mechanical characterization of metallic foams and structures that contain metallic foams	Liviu MARȘAVINA	Mechanical Engineering
30	17.04.2015	Horia Florin DAȘCĂU	Studies related to the effect of friction stir welding on the mechanical properties and microstructure development in single side welding on aluminium alloy	Dan Radu Gheorghe BĂNCILĂ Aleksandar SEDMAK	Civil Engineering
31	24.04.2015	Radu-Codruț DAVID	Contributions to modeling and optimization of fuzzy control systems	Radu-Emil PRECUP	Systems Engineering
32	24.04.2015	Corina Anca MNERIE	Control solutions for optomechatronic devices used in biomedical applications	Ștefan PREITL	Automation
33	24.04.2015	Anca-Diana POPESCU	Aspects of diversity management in groups management	Anca DRĂGHICI	Engineering and Management
34	24.04.2015	Sergiu-Valentin GALAȚANU	Research regarding stress concentrators of pressure vessels	Nicolae FAUR	Mechanical Engineering

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35	24.04.2015	Emil GURAN	Power converters for renewable energy applications	Nicolae MUNTEAN	Electrical Engineering
36	27.04.2015	Andrei ADAM	Contributions for improving the quality of miniature or thin-walled parts made by ultrasonic activated injection	Tudor ICLANZAN	Industrial Engineering
37	30.04.2015	Simona-Luminița SORESCU	Formation of some Fe(III) and Ni(II) carboxylates in hybrid silica gels. Obtaining of Fe ₂ O ₃ /SiO ₂ and NiO/SiO ₂ nanocomposites	Mircea ȘTEFĂNESCU	Chemistry
38	06.05.2015	Elena Simona CUTEAN	Innovative processes for titanium deposition on the surface of steel components	Ion MITELEA Viorel-Aurel ȘERBAN	Materials Engineering
39	13.05.2015	Alexandru CODREAN	Systems analysis of cardiovascular regulation	Toma-Leonida DRAGOMIR	Systems Engineering
40	22.05.2015	Marius Lucian BOTOS	Personal contributions to the study of behavior for the dams operated with non-permanent reservoirs in the variant of transformation into permanent storage solution	Gheorghe POPA	Civil Engineering
41	22.05.2015	Ioana-Luminița HARPAN (căs. POPA)	Human capital development - a possible model	Anca DRĂGHICI	Engineering and Management
42	29.05.2015	Călin-Adrian POPA	Learning algorithms for clifford neural networks	Ștefan HOLBAN	Computers and Information Technology
43	02.06.2015	Gabriela PAȘCU	The Industrial Mining Heritaga - Factor of territorial development	Teodor Octavian GHEORGHIU Jacqueline BAYON	Architecture
44	19.06.2015	Cristina-Sorina CERTEJAN	Improving energy efficiency in real-time systems	Vladimir CREȚU	Computers and Information Technology
45	19.06.2015	Adrian Nicolae DIACONU	Improving the quality of public administration activities by the human resources management through specific levers	Constantin Dan DUMITRESCU	Engineering and Management

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46	19.06.2015	Valentin STÂNGACIU	Real-time wireless communications for sensor networks	Vladimir CREȚU	Computers and Information Technology
47	29.06.2015	Ioana-Monica POP	A New Class of High Efficiency Multiphase DC-DC Converters	Viorel POPESCU	Electronic Engineering and Telecommunications
48	2.07.2015	Șerban POPA	Time management and financial resources efficiency of an individual or legal entity through the development of a specific informatic suport	Gabriela PROȘTEAN	Engineering and Management
49	7.07.2015	Antheia DEACU	Artificial neural networks based load forecasting	Ștefan KILYENI	Power Engineering
50	9.07.2015	Alexandru PERESCU	Modeling and simulation of rheological materials behaviour with applications to magnetorheological damper	Liviu BERETEU	Mechanical Engineering
51	9.07.2015	Radu BORACI	Contribution to the development of structures for wind energy conversion systems	Octavian PROȘTEAN	Systems Engineering
52	13.07.2015	Tony STĂNESCU	Contributions to the theoretical and experimental analysis regardind hardware integration into the structure of a mobile robot	Valer DOLGA	Mechanical Engineering
53	14.07.2015	Cristina Maria POVIAN	Architectural strategies for children in need	Cristian DUMITRESCU	Architecture
54	17.07.2015	Mihaela Luminița KISS	Obtaining iron oxides with advanced physical properties	Ioan GROZESCU	Materials Engineering
55	03.09.2015	Flaviu FEIER	Structures, methods and applications utilized at the analisys of the signal from the newborn cry in order to assist the medical decision	Ioan SILEA	Systems Engineering
56	04.09.2015	Bogdan DEMETRESCU	Preventive conservation for historic structures in the seismic areas	Valeriu Augustin STOIAN	Civil Engineering
57	11.09.2015	Miodrag POPOV	Preventive conservation for historic structures in the seismic areas	Daniel GRECEA	Civil Engineering

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58	12.09.2015	Cristian Ilie OLARIU	Business process management - actual challenges and performances	Anca DRĂGHICI	Engineering and Management
59	12.09.2015	Luminița-Maria GOGAN	The intellectual capital and its impact on organizational performance	Anca DRĂGHICI	Engineering and Management
60	15.09.2015	Sorina Gabriela ȘERBAN	The intellectual capital and its impact on organizational performance	Teodor HEPUȚ	Materials Engineering
61	15.09.2015	Dacian Ioan TOȘA	Dual phase bulk metallic glasses based on zirconium and iron with good soft magnetic properties	Viorel-Aurel ȘERBAN	Materials Engineering
62	18.09.2015	Silviu VERT	Integrating linked open data in mobile augmented reality applications	Radu VASIU	Electronic Engineering and Telecommunications
63	22.09.2015	Anca-Maria MOSCOVICI	Contribution to monitoring noise pollution of construction and preliminary data management in a Geographic Information System	Ion COSTESCU	Civil Engineering
64	25.09.2015	Viorica CEBRUCEAN	The absorption process of CO₂ from flue gases	Ioana IONEL	Mechanical Engineering
65	25.09.2015	Mihail Reinhold WACHTER	Theoretical and experimental research on methods of energy recovery from municipal solid wasters	Ioana IONEL	Mechanical Engineering
66	02.10.2015	Roland SZABO	Contributions for developing methods and algorithms for computing the poistion of robotic arms in space using color recognition. Implementation in FPGA	Aurel GONTEAN	Electronic Engineering and Telecommunications
67	08.10.2015	Viorica BOTEZ	The impact of motivation policy over human resource satisfaction and performance in organization	Anca DRĂGHICI	Engineering and Management
68	08.10.2015	Zoltan-Bella FARKAS	Quality management impact on technical competencies development for their compatibility with the european area and their correlation with the market requirements	Anca DRĂGHICI	Engineering and Management
69	12.10.2015	Ionuț Adrian CHIRIAC	Contributions to information systems interaction in medical education for hearing impaired persons	Lăcrămioara STOICU-TIVADAR	Computers and Information Technology

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70	13.10.2015	Ulrich Wilhelm ROST	Development and characterisation of carbon nano fibre based membrane electrode assemblies for PEM fuel cells	Viorel-Aurel ȘERBAN Waltraut BRANDL	Mechanical Engineering
71	14.10.2015	Cosmin-Marian IGHIȘAN	Unsteady hydrodynamics of the hydraulic turbines draft tube	Romeo SUSAN-RESIGA	Mechanical Engineering
72	16.10.2015	Marius Stelian GĂMAN	Quantification and intervention strategies for urban sustainability	Smaranda Maria BICA	Architecture
73	23.10.2015	Corina ȘOȘDEAN	Experimental and numerical investigations of the influence of cracks on mass diffusion in mortar and concrete	Liviu MARȘAVINĂ Geert DE SCHUTTER	Mechanical Engineering
74	13.11.2015	Attila TURI	Performance analysis in the automotive industry	Marian MOCAN	Engineering and Management
75	27.11.2015	Marius COCARD	Structural Integrity of Thermoplastic Material Components Joined by Welding	Liviu MARȘAVINA	Mechanical Engineering
76	07.12.2015	Violeta Eugenia CHIȘ	Artificial neural networks in power engineering forecasting studies	Ștefan KILYENI	Power Engineering
77	07.12.2015	Marcela LIȚCANU	Optimization virtual power plant management OptiMaCEV	Petru ANDEA	Power Engineering