



Axa prioritară: „Educația și formarea profesională în sprijinul creșterii economice și dezvoltării societății bazate pe cunoaștere”

Domeniul major de intervenție: 1.5 „Programe doctorale și postdoctorale în sprijinul cercetării”

Titlul proiectului: “Creșterea atractivității și performanței programelor de formare doctorală și postdoctorală pentru cercetători în științe inginerești - **ATTRACTING**”

Cod Contract: POSDRU/159/1.5/S/137070

Beneficiar: Universitatea Politehnică Timișoara

26.02.2016

**LISTA LUCRĂRILOR COMUNICATE LA CONFERINȚE INTERNAȚIONALE ÎN DOMENIU
DE CĂTRE MEMBRII GRUPULUI ȚINTĂ DOCTORANZI
DE LA PARTENERUL P3 (Universitatea Tehnică Cluj-Napoca)**

Nr. crt	Codul lucrării în baza de date a proiectului	Identificatori (minimali) ai lucrării
1	312001_47_Cosma_1_B_15	Sorin Cosmin COSMA, a.o., <i>Dental implants with lattice structure fabricated by selective laser melting</i> , International virtual research conference in technical disciplines, Zilina, Slovakia, 2014
2	312002_48_Miron_2_B_15	A. V. MIRON, a.o., <i>Research on abrasive waterjet machining of composite materials</i> , 16th International conference „Automation in production planning and manufacturing“, Zilina 2015
3	312003_48_Miron_3_B_15	A. V. MIRON, a.o., <i>Case study of simulation for a superplastic forming</i> , 16th International conference „Automation in production planning and manufacturing“, Zilina 2015
4	312004_50_Murar_1_B_14	M. MURAR, a.o., <i>Dual-arm robot assisted handling and assembling</i> , Print international workshop and summer school on medical and service robotics, Ecole polytechnique fédérale de Lausanne, Elvetia, 2014
5	312005_51_Salantiu_1_B_14	Ana-Maria SALANTIU, a.o., <i>Stem cell response to surface conditioned porous Ti</i> , 6th International conference biomaterials. tissue engineering & medical devices -BioMed'14, Constanta, 2014
6	312006_52_Ureche_1_B_14	Florina-Liliana URECHE, Vasile Filip SOPORAN, <i>Fuzzy application in the study of melting and solidification processes</i> , International conference on



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		innovative technologies, IN-TECH, Leiria, Portugalia, 2014
7	312007_53_Culea_6_B_15	L. BOLUNDUT, E. N. CULEA, a.o., <i>New type of lead tellurite glass doped with neodymium and codoped with silver</i> , Bramat 2015, 2015
8	312008_53_Culea_5_B_15	Eugen Nicolae CULEA, Ioan Vida-SIMITI, <i>Structural, magnetic and mechanical properties of leadtellurate</i> , Bramat 2015, 2015
9	312009_54_Gherasim_1_B_14	Gabriel GHERASIM, a.o., <i>Graded open-cell aluminum alloy foams obtained by a sintering and dissolution process</i> , International scientific conf. on advances In mechanical engineering - ISCAME 2014, Debrecen, 2014
10	312010_55_Bondici_3_B_15	Lucian DULAU, Cristian BONDICI, <i>Optimization and simulation of a distributed generation environment</i> , IEEE AQTR 2014, Cluj-Napoca, 2014
11	312011_33_Stanciu_1_a_14	Cristina–Daniela STANCIU, a.o., <i>Synthesis of the FE-6.5% WT. SI alloy by mechanical alloying</i> , 3rd International Conf. on Advances in Engineering and Management - ADEM 2014, Drobeta Turnu Severin, 2014
12	312012_34_Voicu_2_B_14	Eleonora Cristina VOICU, a.o., <i>Production and characterisation of the Al2O3/Ni nanocomposite powders by mechanical milling</i> , Euro PM2014 International conference and exhibition, Salzburg, 2014
13	312013_34_Voicu_1_B_14	Cristina VOICU, a.o., <i>Structural and morphological evaluation of 25% vol. NI/AL2O3 nanocomposite powders produced by mechanical milling</i> , Conf. on Advances in Engineering and Management - ADEM 2014, Drobeta Turnu Severin, 2014
14	312014_30_Laposi_1_B_15	Emeric Ovidiu LAPOSI, a.o., <i>A study of the corporate social responsibility of the year 2014 nominated "10 best us companies to work for"</i> , 4th Int. Management Conf. on management between profit and social responsibility, Cluj-Napoca, 2014
15	312015_32_Vilau_6_B_15	Cristian VILĂU, a.o., <i>Design and dynamic analysis of gripper for the kuka kr6 robot</i> , The 7th international conference on manufacturing science and education - MSE



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		2015 - Sibiu, 2015
16	312016_32_Vilau_7_B_15	Adina SARCA, Cristian VILĂU, Dan LEODEAN, <i>Studies regarding redesign and optimization of the main shaft of a naval winch</i> , The 12th international conference on modern technologies In manufacturing, Cluj-Napoca, 2015
17	312017_33_Avram_2_B_15	Bianca AVRAM, Stelian BRAD, <i>Country benchmarking for setting up a new business</i> , Conferința Internațională a Griffiths School of Management „dezvoltarea, finanțarea și creșterea organizațiilor”, Oradea, 2015
18	312018_34_Sarb_2_B_15	Anca SARB; Brad, a.o., <i>The innovation in design management of buildings: the way of complying with the new needs of global population - from sustainable and intelligent buildings to inclusive buildings</i> , “International academic conference on management, economics and marketing in Budapest 2015”, Budapest, 2015
19	312019_35_Drageanu_6_B_15	Ștefan BODI, Sorin POPESCU, Călin DRĂGEANU, Dorin POPESCU, <i>Virtual quality management elements in optimized new product development using genetic algorithms</i> , MakeLearn & TIIM 2015, Bari, Italia, 2015
20	312020_35_Drageanu_4_B_15	Călin DRĂGEANU, a.o., <i>Specifics of open innovation in SMEs</i> , MakeLearn & TIIM 2015, Bari, Italia, 2015
21	312021_36_Bodi_3_B_15	Mihai DRAGOMIR, Ștefan BODI, a.o., <i>Applying Sigma Flow simulation software for improving the quality of an R&D project</i> , 2014 international conference on production research regional conference Africa, Europe and the Middle East, Cluj-Napoca, 2015
22	312022_36_Bodi_4_B_14	Ștefan BODI, Sorin POPESCU, Călin DRĂGEANU, Dorin POPESCU, <i>Virtual quality management elements in optimized new product development using genetic algorithms</i> , MakeLearn and TIIM Joint International conference, Bari, Italy, 2015
23	312023_37_Burnete_4_B_15	Nicolae V. BURNETE, a.o., <i>Improved combustion in a diesel engine by diesel-ethanol injection – a numerical analysis</i> , EAEC-ESFA 2015 European automotive congress, București, 2015



24	312024_37_Burnete_3_B_15	Calin ICLODEAN, Bogdan O. VARGA, Nicolae V. BURNETE, <i>Numerical evaluation of real-time energy consumption of three different powertrain systems for urban electric vehicle</i> , EAEC-ESFA 2015 European automotive congress, București, 2015
25	312025_39_Balint_2_B_15	A. BALINT, a.o. , <i>Synthesis of nanoceria for biomedical applications</i> , MediTech2014, Cluj-Napoca, 2015
26	312026_40_Boros_4_A_15	Melania-Nicoleta BOROȘ, a.o., <i>Heavy metal pollution of soils from Baia-Mare – Case study: Cuprom industrial area</i> , The international Cconference of the University of Agronomic Sciences and Veterinary Medicine of Bucharest, București, 2014
27*	312027_39_Balint_2_B_14	A. BALINT, a.o. , <i>Synthesis of nanoceria for biomedical applications</i> , MediTech2014, Cluj-Napoca, 2014

**LISTA ARTICOLELOR PUBLICATE ÎN REVISTE CU VIZIBILITATE ÎN BDI
DE CĂTRE MEMBRII GRUPULUI ȚINTĂ DOCTORANZI
DE LA PARTENERUL P3 (Universitatea Tehnică Cluj-Napoca)**

Nr. crt	Codul articolului în baza de date a proiectului	Identificatori (minimal) ai articolului
1	311001_46_Morar_1_A_14	Tudor E. MORAR, ..., Florin MOCEAN, <i>Numeric simulation of the hydroforming process for a tubular part in a bicycle frame</i> , ACTA TECHNICA NAPOCENSIS Series: Applied Mathematics and Mechanics, 2014
2	311002_47_Cosma_5_A_15	Sorin Cosmin COSMA, a.o., <i>Medical manufacturing innovations</i> , Balneo research journal, 2015
3	311003_47_Cosma_7_A_15	Sorin Cosmin COSMA, Alin MIRON, Adrian RADU, <i>Zygomatic implants manufactured by SLM</i> , Acta tehnica Napocensis, 58(2), 2015
4	311004_47_Cosma_3_A_15	Sorin Cosmin COSMA, a.o., <i>Customized medical applications of selective laser melting manufacturing</i> , Academic journal of manufacturing engineering AJME, 2015
5	311005_47_Cosma_4_A_15	Cristian VILAU, ..., Sorin Cosmin COSMA, <i>Static</i>



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		<i>analysis to redesign the gripper, using Creo parametric software tools, Academic journal of manufacturing engineering AJME, 2015</i>
6	311006_47_Cosma_6_A_15	Sorin Cosmin COSMA, <i>Research on improving the manufacturing of titanium medical implants, by SLM, Applied Mechanics and Materials, 2015</i>
7	311007_48_Miron_1_A_15	Alexandru POPAN, ..., Alin MIRON, <i>Research on abrasive water jet milling of the planar surfaces, slots and profiles, Applied Mechanics and Materials Vol 760, 2015</i>
8	311008_50_Murar_2_A_14	M. MURAR, a.o., <i>Dual arm robot grippers' teach-in and control architecture for handling of small objects with complex shapes towards elder care services, Acta tehnica Napocensis, 2016</i>
9	311009_51_Salantiu_3_A_15	Ana-Maria SALANTIU, a.o., <i>Mesenchymal stem cell response to surface altered porous Ti, Key Engineering Materials, Vol. 638, 2015</i>
10	311010_51_Salantiu_4_A_15	Ana-Maria SALANTIU, a.o., <i>Porous titanium becomes an enhanced support for human osteoblasts after anodization and c-RGD, Studia UBB Chemia, 2015</i>
11	311011_51_Salantiu_2_A_15	Ana-Maria SALANTIU, a.o., <i>Anodic oxidation of PM porous titanium for increasing the corrosion resistance of endosseous implants, Materials chemistry and physics, Vol. 149-150, 2015</i>
12	311012_52_Ureche_3_A_14	Florina-Liliana URECHE, a.o., <i>Considerations and appreciations on the modeling of the technological process of wire erosion processing, Acta tehnica Napocensis Series: Applied Mathematics, Mechanics, and Engineering Vol. 58, Issue II, June, 2015</i>
13	311013_52_Ureche_4_A_14	Florina-Liliana URECHE, a.o., <i>Contributions on optimizing approximations in the study of melting and solidification processes that occur in processing by electro-erosion, Advances in the science and engineering of casting solidification, 2015, Orlando, USA</i>
14	311014_53_Culea_3_A_15	Eugen Nicolae CULEA, a.o., <i>Effects of Eu:Ag codoping on structural, magnetic and mechanical properties of lead tellurite glass ceramics, Journal of Non-Crystalline Solids, 2015</i>
15	311015_53_Culea_2_A_15	Eugen CULEA, a.o., <i>Effects of Er³⁺:Ag codoping on</i>



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		<i>structural and spectroscopic properties of lead tellurite glass ceramics</i> , Ceramics International, Vol. 40, 2014
16	311016_53_Culea_1_A_15	Eugen CULEA, a.o., <i>Structural and spectroscopic effects of Ag–Eu³⁺ codoping of TeO₂–PbO glass ceramics</i> , Journal of Materials Science, Vol. 49, 2014
17	311017_54_Gherasim_1_A_14	Gabriel GHERASIM, a.o., <i>Open cell Al-Si foams by a sintering and dissolution process</i> , Solid State Phenomena, Vol. 216, 2014
18	311018_55_Bondici_1_A_15	Cristian BONDICI, Mircea DULAU, <i>Application of modern scada in power system operation</i> , JCSCS, Vol. 7, 2014
19	311019_55_Bondici_2_A_15	Lucian DULAU, Cristian BONDICI, Dorin BICA, <i>Distributed generation and distributed energy resources</i> , JCSCS, Vol. 7, 2014
20	311020_32_Mocean_1_A_14	Florin MOCEAN, a.o., <i>The mechanical characteristics of composite materials used for the rehabilitation of canals by means of lining</i> , Acta tehnica Napocensis - Series: Applied mathematics, mechanics, and engineering, Vol. 58, 2015
21	311021_32_Mocean_1_A_14	Florin MOCEAN, Gheorghe ACHIMAȘ, Tudor MORAR, Sorin ACHIMAȘ, <i>Mechanical study on rehabilitation of pipelines by gunite covering</i> , Acta tehnica Napocensis, Series: Applied mathematics, mechanics, and engineering, Vol. 57, 2014
22	311022_33_Stanciu_2_a_14	Cristina Daniela STANCIU, a.o., <i>Synthesis of the Fe-10% Si nanocrystalline powder by Mmechanical alloying</i> , Solid State Phenomena, , Vol. 216, 2014
23	311023_34_Voicu_3_A_14	Eleonora Cristina VOICU, a.o., <i>Influence of milling time on the homogeneity of the Al₂O₃/Ni composite powders obtained by mechanical milling</i> , Solid state phenomena, 216, 2014
24	311024_30_Laposi_4_A_15	Emeric Ovidiu LAPOSI, a.o., <i>Effective communication</i> , Revista de management si inginerie economica, Vol. 14, 2015
25	311025_30_Laposi_2_A_15	Emeric Ovidiu LAPOSI, a.o., <i>Top organizations values</i> , Revista de management si inginerie economica, Vol. 13, 2014
26	311026_32_Vilau_2_A_15	Cristian VILĂU, a.o., <i>Static analysis to redesign the gripper, using Creo parametric software tools</i> ,



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		Academic journal of manufacturing engineering, vol 13, 2015
27	311027_32_Vilau_1_A_15	Cristian VILĂU, a.o., <i>Researches on the buckling test of a tripod components used in emergencies</i> , Acta tehnica Napocensis, vol. 58, 2015
28	311028_32_Vilau_4_A_15	Dorin MOLDAN, Cristian VILĂU, a.o., <i>Designing and testing of a tripod used for emergency situations</i> , Academic journal of manufacturing engineering, vol. 13, 2015
29	311029_33_Avram_1_A_14	Bianca AVRAM, a.o., <i>An empirical study of entrepreneurial qualities among students of Cluj-Napoca, Romania</i> , Studia UBB Negotia, LX, 2015
30	311030_34_Sarb_1_A_15	Anca SARB, a.o., <i>Management innovation in designing buildings: from sustainable and intelligent buildings to inclusive buildings. A survey</i> , Acta tehnica Napocensis: Civil Engineering & Architecture Vol. 58, 2015
31	311032_35_Drageanu_2_A_15	Călin DRĂGEANU; Laura BACALI, <i>Carl Gustav Jung, psychologist of depth and the founder of analytical psychology</i> , Revista de management și inginerie economică, 14, 2015
32	311033_35_Drageanu_1_A_15	Călin DRĂGEANU, a.o., <i>Research concerning the identification of performance indicators for tourist destinations on the internet</i> , Annals of the Oradea University. Fascicle of Management and Technological Engineering" Vol. XIV, 2015
33	311033_36_Bodi_2_A_15	Călin DRĂGEANU, Laura BACALI, Ștefan BODI, <i>Research concerning the identification of performance indicators for tourist destinations on the internet</i> , Annals of the Oradea University, Management and Technological Engineering" Vol. XIV, 2015.
34	311034_36_Bodi_1_A_15	Ștefan BODI, a.o., <i>Process improvements using simulation software and quality tools</i> , Applied mechanics and materials Vol. 808, 2015
35	311035_37_Burnete_1_A_15	Nicolae V. BURNETE, a.o., <i>Amestecurile motorină-etanol și utilizarea lor în motoarele diesel</i> , Ingineria Automobilului, 2015
36	311036_37_Burnete_2_A_15	Florin MARIAȘIU, Nicolae V. BURNETE, a.o., <i>Effects of bioethanol ultrasonic generated aerosols application on diesel engine performances</i> , Thermal Science, 2015



37	311037_39_Balint_1_A_14	A. BALINT SAMOILA, a.o., <i>Ceria-Carbonate solid electrolyte compozite for intermediate temperature fuel cell</i> , Studia Universitatis Babeș-Bolyai, seria Ambientum – Journal of Environmental Research and Protection, 2015
38	311038_40_Boros_5_A_15	D.-V. JAȘCĂU, M. BOROȘ, a.o., <i>Efficient methods of treating the leachate generated from municipal waste landfills</i> , Acta tehnica Napocensis, Environmental engineering and sustainable development entrepreneurship, Vol. 4, 2015
39	311039_40_Boros_9_A_15	Melania-Nicoleta BOROȘ, a.o., <i>Study on the opportunities of using phytoremediation to treat leachate from municipal landfills</i> , ProEnvironment, vol. 8, no. 23, în curs de publicare, Acta tehnica Napocensis, Environmental engineering and sustainable development entrepreneurship, Vol. 4, 2015
40	311040_40_Boros_1_A_14	Melania-Nicoleta BOROȘ, a.o., <i>Study on the mechanisms of phytoremediation</i> , ECOTERRA - Journal of Environmental Research and Protection, vol. 11, 2014
41	311041_40_Boros_10_A_15	Melania-Nicoleta BOROȘ, Valer MICLE, <i>Study on soil decontamination by phytoremediation in the case of former industrial sites</i> , ProEnvironment, vol. 8, 2015
42*	311042_40_Boros_11_A_15	Melania-Nicoleta BOROȘ, Valer MICLE, <i>Effects of copper-induced stress on seed germination of maize (Zea mays L.)</i> , Agricultura, agricultural practice and science journal, 2015
43*	311043_40_Boros_12_A_15	Melania-Nicoleta BOROȘ, Valer MICLE, <i>Study on the application of phytoremediation of contaminated industrial sites</i> , Agriculture - Science and practice, vol. 3-4, 2015
44*	311044_40_Boros_13_A_15	Melania-Nicoleta BOROȘ, a.o., <i>Ecological restoration of former industrial sites from entrepreneurial perspective</i> , Ingineria Mediului și Antreprenoriatul Dezvoltării Durabile – Vol. 4, 2015

* Lucrări intrate în baza de date după 15.02.2016.

Un număr de 32 lucrări nu au fost validate întrucât nu au îndeplinit toate cerințele stabilite prin contractele de sprijin financiar.



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Prof. dr. ing. Toma-Leonida DRAGOMIR

Manager proiect