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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 Politehnica Timișoara

06.04.2016

**LISTA LUCRĂRILOR COMUNICATE LA CONFERINȚE INTERNAȚIONALE ÎN DOMENIU
DE CĂTRE MEMBRII GRUPULUI ȚINTĂ CERCETĂTORI POST-DOCTORAT
DE LA PARTENERUL P2 (Universitatea Transilvania Brașov)**

Nr. crt	Codul lucrării în baza de date a proiectului	Identificatori (minimali) ai lucrării
1	222001- 37_Barabas_5_AB_15_03	S.A. BARABAS, a.o., <i>Optimization of abrasive waterjet cutting for carburized pieces</i> , BRAMAT 2015, 9th International conference of material science and engineering, Brasov, 2015
2	222002- 37_Barabas_6_AB_15_05	B. BARABAS, A. FLORESCU, S.A. BARABAS, <i>Saving energy estimation for use of hollow rollers in bearings utilized in wind energy turbines</i> , AFASES 2015, Brasov, 2015
3	222003- 37_Barabas_7_AB_15_05	B. BARABAS, A. FLORESCU, S.A. BARABAS, <i>Trends in implementation of risk management in SMES</i> , AFASES 2015, Brasov, 2015
4	222004- 37_Barabas_10_B_15_09	B. F. BARABAS, A. FOTA, S.A. BARABAS, <i>Machinability computation for multilayers materials processed by abrasive jet cutting</i> , IN-TECH 2015, Dubrovnik, 2015
5	222005- 37_Barabas_8_AB_15_08	S.A. BARABAS, a.o., <i>Influence of inertial forces of large bearings utilized in wind energy assemblies</i> , ICEED 2015, Amsterdam, 2015
6	222006- 37_Barabas_13_B_15_10	A. FOTA, S.A. BARABAS, <i>New trends in the architecture and design of production systems</i> , 12th international conference on “standardization, prototypes and quality, Kocaeli, 2015
7	222007- 38_Covaciu_1_AB_14_10	D. COVACIU, a.o., <i>Data recording solutions for vehicle testing</i> , SMAT 2014, Craiova, 2014



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8	222008- 38_Covaciu_2_AB_14_10	D. COVACIU, a.o., <i>Study on the possibility to estimate the vehicle side slip using two independent GPS receivers</i> , SMAT 2014, Craiova, 2014
9	222009- 38_Covaciu_3_AB_14_10	D. DIMA, D. COVACIU, a.o., <i>Validation of simulation and optimization reconstruction in pc crash with video recorded sample</i> , SMAT 2014, Craiova, 2014
10	222010- 38_Covaciu_7_AB_15_10	D. COVACIU, a.o., <i>Predesign of automotive independent suspensions: implementation as mdesign calculation module</i> , ICOME 2015, Craiova, 2015
11	222011- 38_Covaciu_8_AB_15_10	D. DIMA, D. COVACIU, <i>Assessment of using GPS receivers and INS devices to test the dynamic performances of vehicles</i> , 24th Annual Congress of the European Association for accident research and analysis, Edinburgh, 2015
12	222012- 38_Covaciu_9_AB_15_11	D. COVACIU, a.o., <i>Use of GPS/INS devices for experimental study of vehicle dynamics</i> , EAEC-ESFA 2015, The European automotive congress, Bucuresti, 2015
13	222013- 39_Duguleana_2_B_14_09	M. DUGULEANĂ, a.o., <i>Obstacle avoidance in dynamic environments based on Q-learning and neural networks</i> , 6th Győr Symposium and 3rd Hungarian-Polish and Hungarian-Romanian joint conference on computational intelligence, Győr, 2014
14	222014- 39_Duguleana_3_AB_14_12	C. POSTELNICU , M. DUGULEANĂ, a.o., <i>Towards P300 based brain computer interface for computer aided design</i> , EuroVR 2014, Bremen, 2014
15	222015- 39_Duguleana_4_B_14_05	L.E. ROSCA, M. DUGULEANĂ, <i>Detecting the most efficient region for braking energy recuperation</i> , OPTIM 2014, Brașov, 2014
16	222016-40_Enache_1_B_14_10	I. C. ENACHE, <i>Fuzzy Logic contributions to educational marketing</i> , ICBE, BRASOV, 2015
17	222017- 40_Enache_2_AB_14_11	I. C. ENACHE, <i>Marketing models for educational institutions</i> , 5th International Conference LUMEN - Transdisciplinarity and communicative action, Targoviste, 2014
18	222018-40_Enache_3_AB_15_5	I. C. ENACHE, a.o., <i>Understanding the restaurants customers. Food choices and business implications</i> , 3rd North and East European Congress on Food, Brasov, 2015
19	222019-41_Velea_1_AB_15_6	M. N. VELEA, S. LACHE, <i>Decision making process on multi-objective optimization results</i> , ICAEM 2015, Jupiter, 2015



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**LISTA ARTICOLELOR PUBLICATE ÎN REVISTE CU VIZIBILITATE ÎN BDI
DE CĂTRE MEMBRII GRUPULUI ȚINTĂ CERCETĂTORI POSTDOCTORAT
DE LA PARTENERUL P2 (Universitatea Transilvania Brașov)**

Nr. crt	Codul articolului în baza de date a proiectului	Identificatori (minimali) ai articolului
1	221001-37_Barabas_1_A_14_11	S.A. BARABAS, a.o., <i>Influence of geometry of hollow rollers on the contact stress to the large bearings</i> , Recent Journal, 15, 2014
2	221002-37_Barabas_2_A_14_11	A.FLORESCU, S.A. BARABAS, <i>Techniques regarding the performance evaluation of logistic systems</i> , Recent Journal, 15, 2014
3	221003-37_Barabas_4_A_14_12	S.A. BARABAS, A.FLORESCU, <i>Optimization of dept carburizing heat treatment</i> , International journal of information technology & business management, 32, 2014
4	221004-37_Barabas_3_A_14_11	A.FLORESCU, S.A. BARABAS, <i>Optimization in advanced production systems</i> , International journal of information technology & business management, 31, 2014
5	221005-37_Barabas_9_A_15_09	B.F. BARABAS, S.A. BARABAS, a.o., <i>Optimization of plotting process of cnc machined workpieces</i> , JMEST, 2, 2015
6 *	221006-37_Barabas_11_A_xx_yy	S.A. BARABAS, a.o., <i>Study of abrasive water jet cutting of weld overlay parts with different hardness in layers</i> , Technical Gazette
7 *	221007-37_Barabas_12_A_xx_yy	A. FOTA, S.A. BARABAS, a.o., <i>Mathematical modeling in designing of flexible manufacturing systems</i> , Technical Gazette
8	221008-Covaciu_5_AB_15_5	D. COVACIU, a.o., <i>Study of the noise generated by a major road in a city</i> , Annals of the Oradea University - Management and technological engineering, 1, 2015
9	221009-Covaciu_6_AB_15_5	D. DIMA, D. COVACIU, <i>Simulation method in pc crash using point cloud files</i> , Annals of the Oradea University - Management and technological engineering, 1, 2015
10	221010-Covaciu_4_A_15_5	D. COVACIU, Florea Daniela, Timar Janos, <i>Estimation of the noise level produced by road traffic in roundabouts</i> , Applied Acoustics, 98, 2015
11	221011-Duguleana_1_A_14_10	A-V. NEDELCU, ..., M. DUGULEANA, <i>Pervasive radio mapping of industrial environments using a virtual reality approach</i> , The Scientific World Journal, 2015
12 **	221012-Duguleana_7_A_15_9	L. E. ROSCA, M. DUGULEANA, <i>An online observer for minimization of pulsating torque in SMPM motors</i> , PLOS



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13 *	221013-Duguleana_6_A_15_10	M. DUGULEANA, a.o., <i>Neural networks based reinforcement learning for mobile robots obstacle avoidance</i> , Expert Systems with Applications
14	221014-Duguleana_5_A_15_10	M. DUGULEANA, a.o., <i>Need for vision sensing dimension in modern manual-controlled vacuum cleaners</i> , Bulletin of the Transilvania University of Brasov - Engineering sciences, 8, 2015
15	221015-Enache_4_A_15_6	I.C. ENACHE, <i>Fuzzy logic marketing models for sustainable development</i> , Bulletin of the Transilvania University of Brasov - Economic Sciences, 8, 2015
16	221016-Enache_5_B_15_6	I.C. ENACHE, Z. BRODSKY, <i>A conceptual framework for using marketing models for sustainable development</i> , Bulletin of the Transilvania University of Brasov - Economic Sciences, 8, 2015
17	221017-Enache_6_B_15_9	I.C. ENACHE, L. DOVLEAC, <i>The innovation degree as a decisive factor in promoting new products. Comparative Study: Romania – Poland</i> , RRM 3, 2015
18 **	221018-Enache_7_B_15_12	I.C. ENACHE, <i>Connecting customers satisfaction to sustainable development. A marketing models perspective</i> , Bulletin of the Transilvania University of Brasov - Economic Sciences
19	221019-Velea_2_A_01_07	M. N. VELEA, S. LACHE, <i>Thermal expansion of composite laminates</i> , Bulletin of the Transilvania University of Brasov - Economic Sciences, 8, 2015
20 *	221020-Velea_3_A_30_10	M. N. VELEA, a.o., <i>Damping characteristics identification of self-reinforced poly-ethylene terephthalate</i> , Proceedings of the Romanian Academy, Series A

* Lucrări aflate în regimul „in process (under review)”.

** Lucrări aflate în regimul „in press”.

Prof. dr. ing. Toma-Leonida DRAGOMIR**Manager proiect**