



UNIUNEA EUROPEANĂ

Fondul Social European  
POSDRU 2007-2013Instrumente Structurale  
2007-2013MINISTERUL  
EDUCAȚIEI ȘI  
CERCETĂRII  
ȘTIINȚIFICE

OIPOSDRU

Universitatea  
Politehnică  
Timișoara

**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

15.04.2016

**LISTA LUCRĂRILOR COMUNICATE LA CONFERINȚE INTERNAȚIONALE ÎN DOMENIU  
DE CĂTRE MEMBRII GRUPULUI ȚINTĂ DOCTORANZI  
DE LA PARTENERUL P1 (Universitatea Politehnică București)**

<b>Nr. crt</b>	<b>Codul lucrării în baza de date a proiectului</b>	<b>Identificatori (minimal) ai lucrării</b>
1	112001_39_Radu_1_ab_14	Mihaela RADU, a.o., <i>Experimental determination of viscoelastic properties of a highly compressible porous materials imbibed with water</i> , Marrakesh-Moroco, Apr. 2014
2	112002_39_Radu_5_ab_14	Mihaela RADU, Traian CICONE, <i>Impact of a rigid sphere on highly compressible porous materials imbibed with water – theory vs. Experiment</i> , International Conference of Innovative Technologies, 201
3	112003_41_Albulescu_4_B_14	V.L.ALBULESCU, a.o., <i>The academic – industry cooperation and the (long) road from strategy to competitiveness</i> , 7th International Conf. on Advanced Manufacturing Technologies - ICAMaT 2014
4	112004_41_Albulescu_8_B_14	C.L.OPROIU, V.L.ALBULESCU, a.o., <i>Study on fixing increased reactive dyes used in functionalized cellulosic textile dyeing with the reduction of wastewater load</i> , 10th PRIOCHEM International Symposium, Bucharest, Oct. 2014
5	112005_41_Albulescu_5_B_14	V.L.ALBULESCU, a.o., <i>Orientation towards the real needs of the industry - a major objective of the academic sector strategy in a rapidly changing world</i> , 10th PRIOCHEM International Symposium, Bucharest, Oct. 2014
6	112006_41_Albulescu_6_B_14	V. L. ALBULESCU, C. NEAGU, <i>Contributions regarding the innovation management in some</i>



UNIUNEA EUROPEANĂ

Fondul Social European  
POSDRU 2007-2013Instrumente Structurale  
2007-2013

OIPOSDRU

MINISTERUL  
EDUCAȚIEI ȘI  
CERCETĂRII  
ȘTIINȚIFICEUniversitatea  
Politehnica  
Timișoara

		<i>former centrally planned economies : approaches and effects</i> , Joint International Conference "Managing Sustainable Growth" , May 28-30, 2015, Portoroz, Slovenia
7	112007_41_Albuлесcu_3_A_14	V. L. ALBULESCU, a.o., <i>Critical issues concerning the technological resources management in innovative enterprises</i> , 8th Management International Conference, June 5-6, 2015, Cluj-Napoca
8	112008_Badea_2_B_14_4	Ioan SEBEȘAN, G. Popa, C. N. BADEA, <i>Dynamic forces generated by attack shock</i> , Conferinta Club Feroviar, Alba-Iulia, Apr. 2014
9	112009_Badea_14_B_14_10	G. POPA, M. LITRĂ, C. N. BADEA, <i>The Dynamic Oscillations Features of the Br 185 Locomotive Series</i> , 8th International Conf. on Tribology - BALKANTRIB' 14, Sinaia, Nov. 2014
10	112010_Badea_9_AB_14_11	G. DUMITRU, ..., C. N. BADEA, a.o., <i>Dynamic Study on Safety Against the Derailment to the Six Axle Locomotives</i> , International Scientific Conference - CIBV 2014, Brasov
11	112011_Badea_10_AB_14_11	G. DUMITRU, ..., C. N. BADEA, a.o., <i>The vertical loads variations study and the guidance capacity of six axle locomotives at curves circulation</i> , International Scientific Conference - CIBV 2014, Brasov
12	112012_Badea_11_AB_14_11	G.POPA, C. N. BADEA, Al. BADEA, <i>Pneumatic air springs for railway vehicles</i> , International Scientific Conference - CIBV 2014, Brasov
13	112013_Badea_8_B_14_11	I. SEBEȘAN, C. N. BADEA, <i>Dynamic Study on Safety Against Derailment to the Rolling Stock</i> , International Scientific Conference - CIBV 2014, Brasov
14	112014_Badea_7_B_14_11	I. SEBEȘAN, C. N. BADEA, G.POPA, <i>Contributions on the pneumatic cushions vehicle</i> , World Conference on Science and Mathematics Education - SCIMATH-2014, Antalya-Kemer, Turkey, Nov. 2014
15	112015_Badea_6_B_14_11	I. SEBEȘAN, C. N. BADEA, G.POPA, <i>The study of rubber springs</i> , World Conference on Science and Mathematics Education - SCIMATH-2014, Antalya-Kemer, Turkey, Nov. 2014
16	112016_Badea_3_AB_15_9	I. SEBEȘAN, C. N. BADEA, a.o., <i>Influence schock attack on safety guidance</i> , Innovative



UNIUNEA EUROPEANĂ

Fondul Social European  
POSDRU 2007-2013Instrumente Structurale  
2007-2013

OIPOSDRU

MINISTERUL  
EDUCAȚIEI ȘI  
CERCETĂRII  
ȘTIINȚIFICEUniversitatea  
Politehnică  
Timișoara

		manufacturing engineering international conference (Imane 2015)
17	112017_Badea_4_AB_15_9	G. POPA, ..., C. N. BADEA, <i>Optimizing Power Consumption of the Electric Vehicle Traction</i> , Innovative manufacturing engineering international conference (Imane 2015)
18	112018_Badea_5_B_15_9	G. POPA, ..., C. N. BADEA, <i>Study of improving drive system from the electric locomotive</i> , Innovative manufacturing engineering international conference (Imane 2015)
19	112019_Badea_15_B_15_10	M. DUMITRESCU, ..., C. N. BADEA, G. DUMITRU, <i>Magnetic sustentation applications on the railway traction for high speed maglev trains</i> , International scientific conference cibv 2015
20	112020_44_Spataru_1_B_15	Eugen STRAJESCU, Ionuț SPATARU, <i>Implementing the concept of virtual factory in Romanian industry</i> , Conference Proceedings of the Academy of Romanian Scientists PRODUCTICA Scientific Session Volume 7, Number 1/2015 ISSN 2067-2161
21	112021_45_Totu_2_B_2015	D.E. PASCU, A.R. MIRON, M. TOTU, A.C. NECHIFOR, <i>The mathematical modelling and zeta potential determination in the membrane separation process</i> , BRAMAT 2015, 9th International Conference on Materials Science & Engineering, 5 – 7 March 2015, Brasov, Romania
22	112022_45_Totu_3_B_2015	E. E. Totu, A. C. Nechifor, Mihai Totu, <i>Uncertainty sources for lead recuperative separation using cellulose - magnetic</i> , UROANALYSIS 2015, the XVIIIth European Conference in Analytical Chemistry, Bordeaux, France , 6-10 Sep. 2015
23	112023_45_Totu_4_A_2015	E. E. Totu, A. C. Nechifor, Mihai Totu, <i>Uncertainty sources for separation procedure using composite microsystems with nanocarrier inclusions</i> , RICCCCE 19, The 19th Romanian International Conference on Chemistry and Chemical Engineering, Sibiu, Romania, 2-5 Sep. 2015
24	112024_18_Nutu_3_B_14	Nikolaos Cristian NUTU, a.o., <i>Theoretical and experimental study of the fuelling a truck diesel engine with liquefied petroleum gas</i> , Int. Congress on Science and Management of Automotive and Transportation Engineering - SMAT 2014, Craiova
25	112025_18_Nutu_2_B_15	Nikolaos Cristian NUTU, a.o., <i>Experimental study of liquefied petroleum gas use to fuel a truck diesel</i>



UNIUNEA EUROPEANĂ

Fondul Social European  
POSDRU 2007-2013Instrumente Structurale  
2007-2013MINISTERUL  
EDUCAȚIEI ȘI  
CERCETĂRII  
ȘTIINȚIFICE

OIPOSDRU

Universitatea  
Politehnică  
Timișoara

		<i>engine</i> , TE RE RD, Posada-Vidraru, 2015
26	112026_19_Tarba_1_B_14	Cristian TARBĂ, a.o., <i>Process planning in manufacturing systems</i> , 7th International Conference on Advanced Manufacturing Technologies - ICAMaT 2014, Bucuresti, Oct. 2014
27	112027_19_Tarba_3_AB_14	Sergiu TONOIU, Mădălin-Gabriel CATANĂ, Cristian TARBĂ, <i>Design and testing of improved test bars for measuring the rigidity of spindles of normal lathes</i> , 7th International Conference on Advanced Manufacturing Technologies - ICAMaT 2014, Bucuresti
28	112028_22_Posteuca_3_B_15	Alin POSTEUCA, Miron ZAPCIU, <i>Process inovation: holistic scenarios to reduce total lead time</i> , Conference Proceedings of the Academy of Romanian Scientist, PRODUCTICA Scientific Session, 29 of May 2015, Bucharest
29	112029_22_Posteuca_1_A_15	Alin POSTEUCA, Miron ZAPCIU, <i>Beyond target costing: manufacturing cost policy deployment for new products</i> , Innovative manufacturing engineering international conference – "IManE 2015", 21-22 of May, 2015, Iași
30	112030_22_Posteuca_4_B_15	Alin POSTEUCA, Miruna ZAPCIU, <i>Continuous improvement of the effectiveness of equipment driven by the dynamics of cost reduction</i> , KES International - UK (Sustainable Design and Manufacturing Conference), 2015 Sevilla, Spain
31	112031_23_Armasoiu_1_AB_14	Giorgiana Elena ARMASOIU, Marian GHEORGHE, <i>Methodology for recognizing manufacturing features of prismatic components from DXF files</i> , 7th ICAMAT 14, Applied Mechanics and Materials, Switzerland
32	112032_23_Armasoiu_3_A_15	Giorgiana Elena ARMASOIU, Marian GHEORGHE, <i>Manufacturing specific information recapture from geometric model using a data interchange format file</i> , 7th ICAMAT 14, Applied Mechanics and Materials, Switzerland
33	112033_12_Popescu_1_AB_15	Viorel GHEORGHE, Alina POPESCU-CUȚĂ, a.o., <i>Determining the young modulus of electroplated in using modal analysis</i> , 7th International Conference on Innovations, MECAHITECH'15 International



UNIUNEA EUROPEANĂ



GUVERNUL ROMÂNIEI



ROMÂNIA

Fondul Social European  
POSDRU 2007-2013Instrumente Structurale  
2007-2013

OPOSDRU

MINISTERUL  
EDUCAȚIEI ȘI  
CERCETĂRII  
ȘTIINȚIFICEUniversitatea  
Politehnică  
Timișoara

		Conference Bucharest, 2015
34	112034_13_Stoica_1_B_14	Nicolae STOICA, Andrei TUDOR, <i>Some aspects concerning the thermoelastic distortions of the brake drum-shoe contact, with application to vehicles (pres.)</i> , 8th International conference on tribology, 2014, Sinaia, Romania
35	112035_13_Stoica_2_B_15	G. I PĂDURARU, A. M. PETRESCU, Nicolae Alexandru STOICA, A. TUDOR, <i>Some aspects concerning the behaviour of friction materials at low and very low sliding speeds</i> , 11th International Tribology Conference BULTRIB'15, Sozopol, Bulgaria
36	112036_14_Chitoiu_1_B_15	M. CHITOIU, a.o., <i>Biomass grinding/milling resistance and energy consumption - review</i> , ISB-INMA TEH, Bucharest, 2014
37	112037_14_Chitoiu_2_B_15	M. CHITOIU, a.o., <i>Energy consumption of a hammer mill when chopping miscanthus stalks</i> , 44. Symposium "Actual Tasks on Agricultural Engineering", Opatija, 2016

**LISTA ARTICOLELOR PUBLICATE ÎN REVISTE CU VIZIBILITATE ÎN BDI  
DE CĂTRE MEMBRII GRUPULUI ȚINTĂ DOCTORANZI  
DE LA PARTENERUL P1 (Universitatea Politehnică București)**

Nr. crt	Codul articolului în baza de date a proiectului	Identificatori (minimal) ai articolului
1	111001_39_Radu_2_ab_14	Mihaela RADU, Traian CICONE, <i>Experimental determination of the damping capacity of highly compressible porous materials imbibed with water</i> , Journal of the Balkan Tribological Association
2	111002_40_Litra_2_A_14	Marcel LITRĂ, <i>The railway infrastructure management using geospatial information systems</i> , International Journal of Academic Research in Economics and Management Sciences
3	111003_40_Litra_3_A_14	Marcel LITRĂ, <i>Decision support system for assisting in rail traffic management</i> , International Journal of Academic Research in Economics and Management Sciences
4	111004_40_Litra_4_A_14	Marcel LITRĂ, <i>Management regulatory liberalization of the public service contracts in the</i>



UNIUNEA EUROPEANĂ

Fondul Social European  
POSDRU 2007-2013Instrumente Structurale  
2007-2013

OIPOSDRU

MINISTERUL  
EDUCAȚIEI ȘI  
CERCETĂRII  
ȘTIINȚIFICEUniversitatea  
Politehnica  
Timișoara

		<i>rail industry, Administration and Public Management Review</i>
5	111005_41_Albuлесcu_1_A_14	Viorel Liviu ALBULESCU, Marcel Litra, Corneliu Neagu, <i>The third mission of universities and some implications</i> , U.P.B. Scientific Bulletin, Series D
6	111006_42_Costache_1_A_10_15	Andrei Alexandru COSTACHE, a.o., <i>Method for Evaluation of performance of wet flue gas desulphurization installed in "Rovinari" Power Plant</i> , Scientific Bulletin Series D, University "Politehnica" Bucharest
7	111007_42_Costache_3_A_10_15	Andrei Alexandru COSTACHE, a.o., <i>Method for evaluating noise pollution generated by the flue gas desulphurisation installed in Rovinari power plant</i> , Scientific Bulletin Series D, University "Politehnica" Bucharest
8	111008_42_Costache_2_A_10_15	Andrei Alexandru COSTACHE, a.o., <i>Experimental Evaluation of Surface temperatures for piping and equipment in Wet Flue Gas Desulphurisation Rovinari in order to reduce risk of work accidents</i> , Scientific Bulletin Series D, University "Politehnica" Bucharest
9	111009_45_Totu_1_A_2015	D-E PASCU, a.o., Mihai TOTU, <i>Mathematical modeling of some processes of Separation through membranes: dynamic models</i> , Revista de Chimie, Mar. 2015
10	111010_18_Nutu_4_A_14	Nikolaos Cristian NUTU, <i>Experimental researches of using lpg as a fuel</i> , Scientific Bulletin Series D, University "Politehnica" Bucharest
11	111011_20_Enache_1_A_15	Stoian PETRESCU, Michel FEIDT, Vlad ENACHE, a.o., <i>Unification perspective of finite physical dimensions thermodynamics and finite speed thermodynamics</i> , Int J Energy Environ Eng, Springer
12	111012_20_Enache_2_A_15	Stoian PETRESCU, Vlad ENACHE, a.o., <i>Optimum conditions for the cardio-vascular-pulmonary system obtained in the irreversible finite speed thermodynamics framework, I, Oxygen flow as a function of blood speed</i> , Revista de Chimie, septembrie 2015
13	111013_20_Enache_3_A_15	Vlad ENACHE, a.o., <i>Optimum conditions for the cardio-vascular-pulmonary system obtained in the irreversible finite speed thermodynamics framework. II, Optimizing the net power delivered</i>



UNIUNEA EUROPEANĂ

Fondul Social European  
POSDRU 2007-2013Instrumente Structurale  
2007-2013MINISTERUL  
EDUCAȚIEI ȘI  
CERCETĂRII  
ȘTIINȚIFICE

OIPOSDRU

Universitatea  
Politehnica  
Timișoara

		<i>by the organism, Revista de Chimie</i>
14	111014_22_Posteuca_2_A_15	Alin Aurelian POSTEUCĂ, Miron ZAPCIU, <i>Setup time and cost reduction in conditions of low volume and overcapacity, The Scientific Bulletin - University POLITEHNICA of Bucharest, 2015</i>
15	111015_23_Armăsioiu_2_A_15	Giorgiana Elena ARMĂȘOIU, <i>Accurate NC program generation based on new model editing process, Applied Mechanics and Materials Vols, 2015, Trans Tech Publications, Switzerland</i>
16	111016_13_Stoica_9_A_15	Nicolae STOICA , Andrei TUDOR, <i>Some aspects concerning the thermoelastic distortions of the brake drum-shoe contact, with application to vehicles, Journal of the Balkan Tribological Association</i>
17	111017_13_Stoica_8_A_15	Nicolae STOICA , Andrei TUDOR, <i>Some Aspects Concerning the Behaviour of Friction Materials at Low and Very Low Sliding Speeds, Tribology in Industry, 2015</i>
18	111018_12_Popescu_2_A_14	M. AVRAM, A. POPESCU-CUȚĂ, a.o., <i>Aspects regarding the Integration of sensors and transducers in the construction of the hydraulic and pneumatic equipment for automation, The Romanian review Precision mechanics, Optics &amp; Mechatronics, 45, 2014</i>
19	111019_13_Popescu_3_A_14	M. AVRAM, ..., A. POPESCU-CUȚĂ, <i>Multi-sensorial module for pneumatic and hydraulic systems – concept and functioning, The Romanian review Precision mechanics, Optics &amp; Mechatronics, 45, 2014</i>
20	111020_16_Chitoiu_1_A_15	M. CHIȚOIU, a.o., <i>The influence of the speed of revolution of a hammer mill on miscanthus chippings, Annals of the University of Craiova - Agriculture, Montanology, Cadastre Series, XLV, 2015</i>
21	111021_21_Busuiocanu_1_A_16	P. BUSUIOCANU (GRIGORIE), a.o., <i>Study of Stresses and Stress Concentrations in Pressure Vessels, Journal of Business Economics and Information Technology, III, 2016.</i>

Un număr de 12 lucrări nu au fost validate întrucât nu au îndeplinit toate cerințele stabilite prin contractele de sprijin financiar.



UNIUNEA EUROPEANĂ



Fondul Social European  
POSDRU 2007-2013



Instrumente Structurale  
2007-2013



MINISTERUL  
EDUCAȚIEI ȘI  
CERCETĂRII  
ȘTIINȚIFICE

OIPOSDRU



Universitatea  
Politehnică  
Timișoara

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

**Manager proiect**