

**Conf. Dr. ing. DEACONU SORIN IOAN**  
**Activitate științifică (perioada 2007-2012)**

**1. Articole publicate în reviste cotate ISI**

Nr. crt.	An, luna	Autor(i)	Titlu articol	Revista ISI in care a fost publicat articolul	Nr. vol., pag., nr. pagini	ISSN	Site web revista	Scor relativ de influenta (revista)*
1	2010, 9	DEACONU SORIN IOAN, TOPOR MARCEL, POPA GABRIEL NICOLAE, BISTRIAN DIANA	EXPERIMENTAL STUDY AND COMPARATIVE ANALYSIS OF TRANSIENTS OF INDUCTION MOTOR WITH SOFT STARTER STARTUP	ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING, SUCEAVA, ROMANIA	Issue 3 pp. 27-33	ISSN 1582-7445 e-ISSN 1844-7600	<a href="http://www.aece.ro">www.aece.ro</a>	0
2	2010, 11	DEACONU SORIN IOAN, POPA GABRIEL NICOLAE, TOMA IOAN ADRIAN, TOPOR MARCEL	MODELING AND EXPERIMENTAL ANALYSIS FOR MODERNIZATION OF 100t EAF	IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS NOVEMBER DECEMBER 2010	Vol.46, no. 6 pp. 2259-2266	ISSN 0093-9994	<a href="http://www.ewh.iee.org/soc/ias/transactions.php">http://www.ewh.iee.org/soc/ias/transactions.php</a>	1.917

\* Scorul relativ de influenta (revista) conform <http://www.cnsc-nrc.ro/program-idei-proiecte-de-cercetare-exploratorie-competitie-2012/>, link Scor relativ de influenta reviste

**2. Lucrari stiintifice publicate in volume cotate ISI Proceedings**

Nr. crt.	An, luna	Autor(i)	Titlu lucrare	Volumul ISI Proceedings in care a fost publicata lucrarea	Pag., nr. pagini	ISBN	Site web conferinta
1	2008,6	POPA GABRIEL NICOLAE, ȘORA IOAN, VAIDA VICTOR, DEACONU SORIN IOAN, POPA IOSIF	SOLUTIONS TO IMPROVE DUST COLLECTION WITH PLATE-TYPE ELECTROSTATIC PRECIPITATORS	AUTOMATION AND INFORMATION. THEORY AND ADVANCED TECHNOLOGY, PROCEEDINGS OF THE 9 <sup>TH</sup> WSEAS INTERNATIONAL CONFERENCE ON AUTOMATION AND INFORMATION (ICAI '08), BUCUREȘTI, ROMÂNIA, PUBLISHED BY WSEAS PRESS	282-287	ISBN 978-960-6766-77-0; ISSN 1790-5117	<a href="http://www.wseas.org/">http://www.wseas.org/</a>
2	2008,6	POPA GABRIEL NICOLAE, ȘORA IOAN, VAIDA VICTOR, POPA IOSIF, DEACONU SORIN IOAN	ANALYSIS OF MATHEMATICAL MODELS OF CURRENT-VOLTAGE CHARACTERISTICS FOR PLATE-TYPE ELECTROSTATIC PRECIPITATORS	AUTOMATION AND INFORMATION. THEORY AND ADVANCED TECHNOLOGY, PROCEEDINGS OF THE 9 <sup>TH</sup> WSEAS INTERNATIONAL CONFERENCE ON AUTOMATION AND INFORMATION (ICAI '08), BUCUREȘTI, ROMÂNIA, PUBLISHED BY WSEAS PRESS	288-292	ISBN 978-960-6766-77-0; ISSN 1790-5117	<a href="http://www.wseas.org/">http://www.wseas.org/</a>
3	2008,7	DEACONU SORIN IOAN, POPA GABRIEL NICOLAE, POPA IOSIF	OPTIMIZING THE OPERATION OF AN URBAN DISTRICT HEATING SYSTEM BY MEANS OF VARIABLE SPEED DRIVES	NEW ASPECTS OF SYSTEMS. PART I, PROCEEDINGS OF THE 12 <sup>TH</sup> WSEAS INTERNATIONAL CONFERENCE ON SYSTEMS (SYSTEMS '08), HERAKLION, GRECIA, PUBLISHED BY WSEAS PRESS	149-154	ISBN 978-960-6766-83-1, ISSN 1790-2769	<a href="http://www.wseas.org/">http://www.wseas.org/</a>
4	2008,7	POPA GABRIEL NICOLAE, DEACONU SORIN	ANALYSIS OF THE CORONA CURRENTS FROM PINS TO	NEW ASPECTS OF SYSTEMS. PART I, PROCEEDINGS OF THE 12 <sup>TH</sup>	143-148	ISBN 978-960-6766-83-	<a href="http://www.wseas.org/">http://www.wseas.org/</a>

		IOAN, POPA IOSIF	PLATE GEOMETRY	WSEAS INTERNATIONAL CONFERENCE ON SYSTEMS (SYSTEMS '08), HERAKLION, GRECIA, PUBLISHED BY WSEAS PRESS		1, ISSN 1790-2769	
5	2008,9	PĂNOIU MANUELA, PĂNOIU CAIUS, DEACONU SORIN IOAN	STUDY ABOUT THE POSSIBILITY OF ELECTRODES MOTION CONTROL IN THE EAF BASED ON ADAPTIVE IMPEDANCE CONTROL	13 <sup>TH</sup> INTERNATIONAL POWER ELECTRONICS AND MOTION CONTROL CONFERENCE, EPE-PEMC 2008, POZNAN, POLAND	1409-1415	ISBN 978-1-4244-1741-4	<a href="http://www.epe-pemc2008.put.poznan.pl/home_news.php">http://www.epe-pemc2008.put.poznan.pl/home_news.php</a>
6	2008, 11	DEACONU SORIN IOAN, TUTELEA LUCIAN, POPA GABRIEL NICOLAE, POPA IOSIF, ABRUDEAN CRISTIAN	OPTIMIZING THE DESIGNING OF A REACTIVE HOMOPOLAR SYNCHRONOUS MACHINE WITH STATOR EXCITATION	IECON 2008, 34 <sup>TH</sup> ANNUAL CONFERENCE OF THE IEEE INDUSTRIAL ELECTRONICS SOCIETY, ORLANDO, FLORIDA, U.S.A	1311-1318	ISBN 978-4244-1766-7; ISSN 1553-572X	<a href="http://iecon2008.auburn.edu">http://iecon2008.auburn.edu</a>
7	2009,2	POPA GABRIEL NICOLAE, SORA IOAN, DEACONU SORIN IOAN, DINIS CORINA MARIA, POPA IOSIF	AN EXPERIMENTAL INVESTIGATION OF CORONA SOUND IN PINS TO PLANE ELECTROSTATIC DISCHARGE SYSTEM	PROCEEDINGS ICIT 2009, INDUSTRIAL TECHNOLOGY, IEEE INTERNATIONAL CONFERENCE, MONASH UNIVERSITY, MELBOURNE, VICTORIA, AUSTRALIA	146-149	978-1-4244-3506-7	<a href="http://www.ieee-icit09.org">http://www.ieee-icit09.org</a>
8	2009,7	DEACONU SORIN IOAN, TOPOR MARCEL, POPA GABRIEL NICOLAE, BISTRIAN DIANA ALINA	ANALYSIS OF HYBRID POWER SYSTEM INCORPORATING SQUIRREL CAGE INDUCTION GENERATORS	SYSTEMS 2009, 13 <sup>TH</sup> WSEAS INTERNATIONAL CONFERENCE ON SYSTEMS, INSULA RODOS, GRECIA ISSN 1790-2769	289-294	978-960-474-097-0	<a href="http://www.wseas.us/conferences/2009/rodos/iccomp/">http://www.wseas.us/conferences/2009/rodos/iccomp/</a>
9	2009,7	POPA GABRIEL NICOLAE, DEACONU SORIN IOAN, DINIS CORINA MARIA, IAGAR ANGELA	IMPLEMENTATION OF A NUMERICAL DISTANCE RELAY FOR THE 110 KV ELECTRIC LINES	SYSTEMS 2009, 13 <sup>TH</sup> WSEAS INTERNATIONAL CONFERENCE ON SYSTEMS, INSULA RODOS, GRECIA ISSN 1790-2769	271-276	978-960-474-097-0	<a href="http://www.wseas.us/conferences/2009/rodos/iccomp/">http://www.wseas.us/conferences/2009/rodos/iccomp/</a>
10	2009,9	DEACONU SORIN IOAN, TOPOR MARCEL, TUTELEA LUCIAN NICOLAE, POPA GABRIEL NICOLAE, ABRUDEAN CRISTIAN	MATHEMATICAL MODEL OF A REACTIVE HOMOPOLAR SYNCHRONOUS MACHINE WITH STATOR EXCITATION	EPE 2009, 13 <sup>TH</sup> EUROPEAN CONFERENCE ON POWER ELECTRONICS AND APLICATIONS CFP 09850-CDR, BARCELONA, SPANIA	2269-2277	978-9-0758-1150-09	<a href="http://www.epe2009.com/">http://www.epe2009.com/</a>
11	2009, 10	DEACONU SORIN IOAN, TOPOR MARCEL, POPA GABRIEL NICOLAE, POPA IOSIF	COMPREHENSIVE ANALYSIS FOR MODERNIZATION OF 100T ELECTRIC ARC FURNACE FOR STEEL PRODUCTION	IAS 2009, ANNUAL MEETING, HOUSTON, TEXAS, SUA, CFP 09 IAS-CDR	143-148	978-1-4244-3476-3	<a href="http://ewh.ieee.org/soc/ias/2009/">http://ewh.ieee.org/soc/ias/2009/</a>
12	2009, 10	POPA GABRIEL NICOLAE, VAIDA VICTOR, DEACONU SORIN IOAN, ABRUDEAN CRISTIAN, POPA IOSIF	A CASE STUDY OF ESP ELECTRICAL CHARACTERISTIC FROM A THERMAL POWER STATION	IAS 2009, ANNUAL MEETING, HOUSTON, TEXAS, SUA, CFP 09 IAS-CDR	515-520	978-1-4244-3476-3	<a href="http://ewh.ieee.org/soc/ias/2009/">http://ewh.ieee.org/soc/ias/2009/</a>
13	2009, 11	DEACONU SORIN IOAN, TOPOR MARCEL, TUTELEA LUCIAN NICOLAE, POPA GABRIEL NICOLAE, ABRUDEAN	MODELLING AND EXPERIMENTAL INVESTIGATIONS OF A REACTIVE HOMO-HETEROPOLAR BRUSHLESS SYNCHRONOUS MACHINE	IECON 2009, 35 <sup>TH</sup> ANNUAL CONFERENCE OF THE IEEE INDUSTRIAL ELECTRONICS SOCIETY, PORTO, PORTUGALIA, 03-05 NOVEMBER, 2009	1209-1216	ISBN 978-1-4244-4659-0 ISSN 1553-572X	<a href="http://paginas.fe.up.pt/~iecon09/">http://paginas.fe.up.pt/~iecon09/</a>

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14	2010 , 5	BOLDEA ION, TOPOR MARCEL , FABRIZIO MARIGNETTI, DEACONU SORIN IOAN, TUTELEA LUCIAN NICOLAE	A NOVEL , SINGLE STATOR DUAL PM ROTOR, SYNCHRONOUS MACHINE: TOPOLOGY, CIRCUIT MODEL, CONTROLLED DYNAMICS SIMULATION AND 3D FEM ANALYSIS OF TORQUE PRODUCTION	12th INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT , OPTIM 2010 , MAY 20-22 , 2010 , BRASOV , ROMANIA	343-351	ISBN 978- 4244- 7020-4	<a href="http://www.info-optim.ro">www.info-optim.ro</a>
15	2010 , 5	POPA GABRIEL NICOLAE, VAIDA VICTOR, DEACONU SORIN IOAN, ȘORA IOAN	AN ANALYSIS ON THE OPTIMAL FIELDS NUMBER OF THE PLATE-TYPE ELECTROSTATIC PRECIPITATORS USED IN A THERMOELECTRIC POWER PLANT	12th INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT , OPTIM 2010 , MAY 20-22 , 2010 , BRASOV , ROMANIA	232-239	ISBN 978- 4244- 7020-4	<a href="http://www.info-optim.ro">www.info-optim.ro</a>
16	2010, 12	DEACONU SORIN IOAN , TUTELEA LUCIAN NICOLAE , POPA GABRIEL NICOLAE , LATINOVIC TIHOMIR	MATHEMATICAL MODELS AND THE CONTROL OF HOMOPOLAR AND HOMO- HETEROPOLAR REACTIVE SYNCHRONOUS MACHINE WITH STATOR EXCITATION	<b>ADVANCES IN COMMUNICATIONS , COMPUTERS, SYSTEMS, CIRCUITS AND DEVICES,</b> <i>European Conference of SYSTEMS (ECS'10) Puerto De La Cruz, Tenerife, November 30- December 2, 2010</i>	78-83	ISBN 978-960- 474-250- 9	<a href="http://www.naun.org/conferences/2010/tenerife/ecs10/">http://www.naun.org/conferences/2010/tenerife/ecs10/</a>
17	2012 , 3	TUTELEA LUCIAN NICOLAE , BOLDEA ION , DEACONU SORIN IOAN	OPTIMAL DESIGN OF DUAL ROTOR SINGLE STATOR PMSM DRIVE FOR AUTOMOBILES	<b>2012 IEEE INTERNATIONAL ELECTRIC VEHICLE CONFERENCE , GREENVILLE , SC , USA</b>	8 pp	<b>978-1- 4673- 1562-3</b> În curs de indexare	<a href="http://electricvehicle.ieee.org/">http://electricvehicle.ieee.org/</a>
18	2012 , 4	POPA GABRIEL NICOLAE DINIS CORINA MARIA , DEACONU SORIN IOAN , IAGAR ANGELA	PROSPECTIVE ON POWER QUALITY ANALYZE OF THREE SECTIONS PLATE-TYPE ELECTROSTATIC PRECIPITATOR SUPPLIES	<b>RECENT RESEARCHES IN CIRCUITS , SYSTEMS , MULTIMEDIA AND AUTOMATIC CONTROL , ROVANIEMI , FINLAND , 2012</b>	49-54	<b>978-1- 61804- 085-5</b> În curs de indexare	<a href="http://www.wseas.org/">http://www.wseas.org/</a>
19	2012 , 5	POPA GABRIEL NICOLAE DEACONU SORIN IOAN , POPA IOSIF , DINIS CORINA MARIA	EXPERIMENTAL ANALYSIS FOR PLATE-TYPE ELECTROSTATIC PRECIPITATORS WITH THREE SECTIONS	<b>OPTIM 2012 , 13 th INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT , BRASOV , MOECIU "CHEILE GRADISTEI"</b>	1274- 1279	<b>978-1- 4673- 1653-8</b> În curs de indexare	<a href="http://www.info-optim.ro">www.info-optim.ro</a>
20	2012 , 7	DEACONU SORIN IOAN , POPA GABRIEL NICOLAE DEACONU RAZVAN	COMMISSIONING , MONITORING AND CONTROL OF A LOW POWER HYDROELECTRIC POWER PLANT	<b>RECENT RESEARCHES IN CIRCUITS AND SYSTEMS , 16 th WSEAS INTERNATIONAL CONFERENCE ON SYSTEMS , KOS ISLAND , GREECE , 2012</b>	173-178	<b>978- 61804- 108-1</b> În curs de indexare	<a href="http://www.wseas.org/">http://www.wseas.org/</a>
21	2012 , 7	POPA GABRIEL NICOLAE POPA IOSIF , DEACONU SORIN IOAN , DINIS CORINA MARIA	AN OVERVIEW OF CURRENT-VOLTAGE CHARACTERISTICS ESTIMATION FROM PLATE-TYPE ELECTROSTATIC WITH THREE SECTIONS	<b>RECENT RESEARCHES IN CIRCUITS AND SYSTEMS , 16 th WSEAS INTERNATIONAL CONFERENCE ON SYSTEMS , KOS ISLAND , GREECE , 2012</b>	279-284	<b>978- 61804- 108-1</b> În curs de indexare	<a href="http://www.wseas.org/">http://www.wseas.org/</a>
22	2012 ,	IAGAR ANGELA ,	HARMONIC	<b>RECENT RESEARCHES IN</b>	219-224	<b>978-</b>	<a href="http://www.wseas.org/">http://www.wseas.org/</a>

	7	DEACONU SORIN IOAN , CUNTAN CORINA DANIELA , BACIU IOAN	ANALYSIS OF A HIGH SPEED AUTOMATIC RECLOSING ON A 400 KV OVERHEAD TRANSMISSION LINE	CIRCUITS AND SYSTEMS , 16 th WSEAS INTERNATIONAL CONFERENCE ON SYSTEMS , KOS ISLAND , GREECE , 2012		61804-108-1 În curs de indexare	
23	2012 , 9	TUTELEA LUCIAN NICOLAE , BOLDEA ION , DEACONU SORIN IOAN	THE SINGLE STATOR DUAL ROTOR PMSM FOR HEV : TWO WINDINGS AND 4 LEG INVERTER CONTROL	EPE-PEMC 2012 ECCE EUROPE , 15 th INTERNATIONAL POWER ELECTRONICS AND MOTION CONTROL CONFERENCE AND EXPOSITION , NOVI SAD , SERBIA	6 pp	978-4673-1972-0 În curs de indexare	<a href="http://epe-pemc2012.com/category/news/">http://epe-pemc2012.com/category/news/</a>
24	2012 , 10	BOLDEA ION , TUTELEA LUCIAN NICOLAE , DEACONU SORIN IOAN , MARIGNETTI FABRIZIO	DUAL ROTOR SINGLE-STATOR AXIAL AIR GAP PMSM MOTOR/GENERATOR DRIVE FOR HEVs : A REVIEW OF COMPREHENSIVE MODELING AND PERFORMANCE CHARACTERIZATION	ESARS 2012 , INTERNATIONAL CONFERENCE ON ELECTRICAL SYSTEMS FOR AIRCRAFT , RAILWAY , AND SHIP PROPULSION , BOLOGNA ITALY	8 pp	978-1-4673-1371-1 În curs de indexare	<a href="http://www.esars.org/">http://www.esars.org/</a>
25	2012 , 10	TUTELEA LUCIAN NICOLAE , DEACONU SORIN IOAN , BOLDEA ION	DESIGN AND FEM VALIDATION FOR AN AXIAL SINGLE STATOR DUAL ROTOR PMSM	IECON 2012 , 38 th ANNUAL CONFERENCE ON IEEE INDUSTRIAL ELECTRONICS SOCIETY , MONTREAL , CANADA	2911-2917	978-1-4673-2420-5 În curs de indexare	<a href="http://www.iecon2012.org/">http://www.iecon2012.org/</a>

### 3. Articole/lucrări științifice publicate in reviste/volume indexate

Nr. crt.	An, luna	Autor(i)	Titlu articol /lucrare	Revista /volumul in care a fost publicat articolul /lucrarea	Nr. vol., pag., nr. pagini	ISSN	Site web revista	Baza de date in care este indexata revista	Link-ul la Baza de date in care este indexata revista
1	2008,8	POPA GABRIEL NICOLAE, ȘORA IOAN, VAIDA VICTOR, POPA IOSIF, DEACONU SORIN IOAN	ANALYSIS OF SOME SOLUTIONS THAT IMPROVE PERFORMANCE OF PLATE-TYPE ELECTROSTATIC PRECIPITATORS	WSEAS TRANSACTIONS ON SYSTEMS	volume 7 (issue 8) 814-823	ISSN 1109-2777	<a href="http://www.worldses.org/journals/systems/index.html">http://www.worldses.org/journals/systems/index.html</a>	SCOPUS	<a href="http://info.scopus.com/">http://info.scopus.com/</a>
2	2008,9	DEACONU SORIN IOAN, POPA GABRIEL NICOLAE , POPA IOSIF	INCREASING THE ENERGETIC EFFICIENCY IN PRODUCING OF ELECTRIC AND THERMAL POWER IN THERMAL POWER PLANTS BY USING OF VARIABLE SPEED	WSEAS TRANSACTIONS ON SYSTEMS	volume 7 (issue 9) 834-843	ISSN 1109-2777	<a href="http://www.worldses.org/journals/systems/index.html">http://www.worldses.org/journals/systems/index.html</a>	SCOPUS	<a href="http://info.scopus.com/">http://info.scopus.com/</a>
3	2008,9	POPA GABRIEL NICOLAE, DEACONU SORIN IOAN, POPA IOSIF	ANALYSIS OF THE CORONA CURRENTS IN AN ELECTROSTATIC DISCHARGE	WSEAS TRANSACTIONS ON SYSTEMS	volume 7 (issue 9) 843-854	ISSN 1109-2777	<a href="http://www.worldses.org/journals/systems/index.html">http://www.worldses.org/journals/systems/index.html</a>	SCOPUS	<a href="http://info.scopus.com/">http://info.scopus.com/</a>

			SYSTEM IN NORMAL ATMOSPHERIC PRESSURE AND TEMPERATURE						
4	2009	DEACONU SORIN IOAN , TOPOR MARCEL , POPA GABRIEL NICOLAE , BISTRIAN DIANA ALINA	APPLICATION OF THE SQUIRELL CAGE ASYNCHRONOUS MACHINE WORKING AS SINGLE PHASE GENERATOR IN MICROHYDRO POWER	JOURNAL OF ENGINEERING ANNALS OF FACULTY OF ENGINEERING HUNEDOARA	Tome VII, fascicula 3 324-331	ISSN 1584-2673	<a href="http://annals.fih.upt.ro/index.html">http://annals.fih.upt.ro/index.html</a>	COPERNIC US	<a href="http://journals.indexcopernicus.com/karta.php?action=masterlist&amp;id=3544">http://journals.indexcopernicus.com/karta.php?action=masterlist&amp;id=3544</a>
5	2009	POPA GABRIEL NICOLAE, POPA IOSIF, DEACONU SORIN IOAN, CUNTAN CORINA DANIELA	A STUDY ABOUT A RESISTIVE STEPPED TRANSDUCER USED FOR WATER LEVEL MEASUREMENT	JOURNAL OF ENGINEERING ANNALS OF FACULTY OF ENGINEERING HUNEDOARA	Tome VII, fascicula 3 394-399	ISSN 1584-2673	<a href="http://annals.fih.upt.ro/index.html">http://annals.fih.upt.ro/index.html</a>	COPERNIC US	<a href="http://journals.indexcopernicus.com/karta.php?action=masterlist&amp;id=3544">http://journals.indexcopernicus.com/karta.php?action=masterlist&amp;id=3544</a>
6	2010, 8	POPA GABRIEL NICOLAE, DEACONU SORIN IOAN, DINIŞ CORINA MARIA, IAGĂR ANGELA	A CASE STUDY OF AN ANALOGICAL DISTANCE RELAY FOR THE 110KV ELECTRIC POWER LINES	WSEAS TRANSACTIONS ON SYSTEMS	issue 8, pp. 1063-1072	ISSN 1109-2777	<a href="http://www.worldscientific.org/journals/systems">www.worldscientific.org/journals/systems</a>	SCOPUS	<a href="http://www.elsevier.com/wps/find/electronicproductdescription.athors/704746/description">http://www.elsevier.com/wps/find/electronicproductdescription.athors/704746/description</a>
7	2010, 9	DEACONU SORIN IOAN , POPA GABRIEL NICOLAE , LATINOVIC TIHOMIR	COMPARATIVE STUDY FOR EAF'S REACTIVE ENERGY COMPENSATION METHODS AND POWER FACTOR IMPROVEMENT	WSEAS TRANSACTIONS ON SYSTEMS	Issue 9, Vol. 9, pp. 979-989	ISSN 1109-2777	<a href="http://www.worldscientific.org/journals/systems">www.worldscientific.org/journals/systems</a>	SCOPUS	<a href="http://www.elsevier.com/wps/find/electronicproductdescription.athors/704746/description">http://www.elsevier.com/wps/find/electronicproductdescription.athors/704746/description</a>
8	2010 , 10	DEACONU SORIN IOAN , TOPOR MARCEL , POPA GABRIEL NICOLAE	STUDY OF THE INDUCTION GENERATORS WITH SHORT-CIRCUITED ROTOR IN AUTONOMOUS REGIME	ANNALS OF THE UNIVERSITY OF CRAIOVA , ELECTRICAL ENGINEERING SERIES , 2010	no. 34 , Vol. II pp. 111-116	ISSN 1842-4805	<a href="http://www.uv.ro/">http://www.uv.ro/</a>	COPERNIC US	<a href="http://journals.indexcopernicus.com/karta.php?action=masterlist&amp;id=3544">http://journals.indexcopernicus.com/karta.php?action=masterlist&amp;id=3544</a>
9	2011, 12	POPA GABRIEL NICOLAE , DINIŞ CORINA MARIA , DEACONU SORIN IOAN , IAGĂR ANGELA	AN ANALYZE ON A WOOD PROCESSING AUTOMATIC MACHINE	WSEAS TRANSACTIONS ON SYSTEMS	Issue 10, Vol. 12 , pp. 83-92	ISSN 1109-2777	<a href="http://www.worldscientific.org/journals/systems">www.worldscientific.org/journals/systems</a>	SCOPUS	<a href="http://www.elsevier.com/wps/find/electronicproductdescription.athors/704746/description">http://www.elsevier.com/wps/find/electronicproductdescription.athors/704746/description</a>
10	2011 , 12	LATINOVIC TIHOMIR , DEACONU SORIN IOAN , POPOV G. , TOPOR MARCEL	INTELLIGENT WORKCELL ROBOT SYSTEM IN MANUFACTURING WITH ABB IRB 2000	MACHINES TECHNOLOGIES MATERIALS	Year V , Issue 12, pp. 43-44	ISSN 1313-0026	<a href="http://mechanical.com/journal/">http://mechanical.com/journal/</a>	CAS	<a href="http://www.cas.org">www.cas.org</a>
11	2012	POPA GABRIEL NICOLAE , DEACONU SORIN IOAN , POPA IOSIF , DINIS CORINA	NEW TRENDS IN DETECTION OF BACK-CORONA DISCHARGES IN PLATE-TYPE	ACTA TECHNICA CORVINIENSIS , BULLETIN OF ENGINEERING	Tome V , Fascicule 2 [April-June] pp. 93-96	ISSN 2067-3809	<a href="http://acta.fih.upt.ro/">http://acta.fih.upt.ro/</a>	COPERNIC US	<a href="http://journals.indexcopernicus.com/karta.php?action=masterlist&amp;id=">http://journals.indexcopernicus.com/karta.php?action=masterlist&amp;id=</a>

		MARIA	ELECTROSTATI C PRECIPITATORS							3545
12	2012	POPA GABRIEL NICOLAE , POPA IOSIF , DEACONU SORIN IOAN	COLLECTING EFFICIENCIES AND MIGRATION VELOCITIES OF DUST PARTICLES FROM A THREE SECTIONS ELECTROSTATI C PRECIPITATOR	ANNALS OF FACULTY OF ENGINEERING HUNEDOARA – INTERNATIONAL JOURNAL OF ENGINEERING	Tome X , Fascicule 3 , pp. 203-206	ISSN 1584- 2673	<a href="http://annals.fih.upt.ro/index.html">http://annals.fih.upt.ro/index.html</a>	COPERNIC US	<a href="http://journals.indexcopernicus.com/karta.php?action=masterlist&amp;id=3544">http://journals.indexcopernicus.com/karta.php?action=masterlist&amp;id=3544</a>	
13	2012	POPA IOSIF , POPA GABRIEL NICOLAE , DEACONU SORIN IOAN	THE SIZING OF THE BRANCH THREE-PHASE LOW VOLTAGE POWER LINES THROUGH SUPERPOSITIO N METHOD	ANNALS OF FACULTY OF ENGINEERING HUNEDOARA – INTERNATIONAL JOURNAL OF ENGINEERING	Tome X , Fascicule 3 , pp. 313-316	ISSN 1584- 2673	<a href="http://annals.fih.upt.ro/index.html">http://annals.fih.upt.ro/index.html</a>	COPERNIC US	<a href="http://journals.indexcopernicus.com/karta.php?action=masterlist&amp;id=3544">http://journals.indexcopernicus.com/karta.php?action=masterlist&amp;id=3544</a>	
14	2012	TUTELEA LUCIAN NICOLAE , DEACONU SORIN IOAN , POPA GABRIEL NICOLAE	CONTROL METHODS OF AN SINGLE STATOR DUAL ROTOR PMSM	BULETINUL AGIR	Anul XVII , nr. 4 , octombrie- decembrie pp. 15-22	ISSN 1224- 7928	<a href="http://www.buletinulagir.igir.ro">http://www.buletinulagir.igir.ro</a>	COPERNIC US	<a href="http://journals.indexcopernicus.com/passport.php?id=5724">http://journals.indexcopernicus.com/passport.php?id=5724</a>	
15	2012 , 12	POPA GABRIEL NICOLAE , DEACONU SORIN IOAN , DINIS CORINA MARIA , IAGAR ANGELA	ANALYSIS AND SIMULATIONS OF THREE- PHASE UNIFORM CHARGE POWER SOURCES WITH CURRENT HARMONIC DECREASE	INTERNATIONAL REVIEW ON MODELLING AND SIMULATIONS DECEMBER 2012	Vol. 7 , N 6 9 pp	ISSN 1827- 6660 <b>În curs de apariție și indexare</b>	<a href="http://www.proaiseworthyprize.com/IREE.htm">http://www.proaiseworthyprize.com/IREE.htm</a>	SCOPUS	<a href="http://www.elsevier.com/wps/find/electronicproductdescription.authorrights/704746/description">http://www.elsevier.com/wps/find/electronicproductdescription.authorrights/704746/description</a>	

#### 4. Articole publicate in reviste fara cotatie ISI / neindexate

Nr. crt.	An, luna	Autor(i)	Titlu articol	Revista in care a fost publicat articolul	Nr. vol., pag., nr. pagini	ISSN	Site web revista	Clasificare CNC SIS
1	2008, 9	DEACONU SORIN IOAN , POPA GABRIEL NICOLAE, DINIȘ CORINA MARIA, POPA IOSIF	COMPARATIVE STUDY OF THE METHODS FOR STARTING-UP THE INDUCTIONS MOTORS BY SOFTSTARTER	SCIENTIFIC BULLETIN OF THE „POLITEHNICA” UNIVERSITY OF TIMIȘOARA, TRANSACTION ON POWER ENGINEERING,SPECI AL ISSUE	tom 53(67) 93-96	ISSN 1582- 7194	<a href="http://www.upt.ro/cercetare/publicatii_upt.php">http://www.upt.ro/cercetare/publicatii_upt.php</a>	B
2	2008, 9	POPA IOSIF, POPA GABRIEL NICOLAE, DEACONU SORIN IOAN , DINIȘ CORINA MARIA	ANALYTICAL METHOD OF THE START TIME OF THREE-PHASE INDUCTION MOTORS WITH RESISTANCE TORQUE DEPENDENT BY SQUARE SPEED	SCIENTIFIC BULLETIN OF THE „POLITEHNICA” UNIVERSITY OF TIMIȘOARA, TRANSACTION ON POWER ENGINEERING,SPECI AL ISSUE	tom 53(67) 197-201	ISSN 1582- 7194	<a href="http://www.upt.ro/cercetare/publicatii_upt.php">http://www.upt.ro/cercetare/publicatii_upt.php</a>	B
3	2008, 10	DEACONU SORIN IOAN , POPA GABRIEL NICOLAE, POPA IOSIF, POP	AUTOMATION OF THE TRANSPORT AND DOSAGE SYSTEM FOR THE LADLE-FURNACE	BULLETIN OF THE POLYTECHNIC INSTITUTE OF IASSEY,	tomul LIV (LVIII) fasc.4 567-572	ISSN 1223- 8139	<a href="http://www.tuiasi.ro/facultati/eth/index.php?page=820">http://www.tuiasi.ro/facultati/eth/index.php?page=820</a>	B

		SILVIU COSMIN, DINIȘ CORINA MARIA	INSTALLATION					
4	2008, 10	POPA GABRIEL NICOLAE, DEACONU SORIN IOAN, TOMA ADRIAN, POPA IOSIF, DINIȘ CORINA MARIA	ANALYSIS OF SOME SOLUTIONS FOR DIMINISHING THE HARMONICS AND IMPROVING THE POWER FACTOR IN AN ELECTRIC STEEL SHOP	BULLETIN OF THE POLYTECHNIC INSTITUTE OF IASSY,	tomul LIV (LVIII) fasc.4 1053-1058	ISSN 1223-8139	<a href="http://www.tuiasi.ro/facultati/eth/index.php?page=820">http://www.tuiasi.ro/facultati/eth/index.php?page=820</a>	B

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Nr. crt.	An, luna	Autor(i)	Titlu lucrare	Conferinta internationala (nume, loc, perioada de desfasurare, vol.)	Pag., nr. pagini	ISBN	Site web conferinta
1	2007, 5	DEACONU SORIN IOAN, POPA GABRIEL NICOLAE, POPA IOSIF	STUDY OF PUMPS AND TURBINES TRANSITORY MODE DURING SWITCHING FROM STATIC FREQUENCY CONVERTER CONNECTION TO DIRECT CONNECTION TO THE MAIN SUPPLY	8 <sup>TH</sup> INTERNATIONAL CONFERENCE ON ACCOMPLISHMENTS OF ELECTRICAL, MECHANICAL AND INFORMATICE ENGINEERING, SECTION AUTOMATION, DEMI 2007, BANJALUKA 25-26 MAI, PROCEEDINGS CONFERINTA	665-668	978-99938-39-15-6	<a href="http://www.demi.rs.ba/en/doc/eng_spisak_prijav_ljenih.pdf">http://www.demi.rs.ba/en/doc/eng_spisak_prijav_ljenih.pdf</a>
2	2007, 5	POPA IOSIF, POPA GABRIEL NICOLAE, DEACONU SORIN IOAN	OPTIMIZING OF MINING EXTRACTION EQUIPMENTS PRODUCTIVITY WITH TRAPEZOIDAL TACHOGRAMS	8 <sup>TH</sup> INTERNATIONAL CONFERENCE ON ACCOMPLISHMENTS OF ELECTRICAL, MECHANICAL AND INFORMATICE ENGINEERING, SECTION AUTOMATION, DEMI 2007, BANJALUKA 25-26 MAI, PROCEEDINGS CONFERINTA	45-50	978-99938-39-15-6	<a href="http://www.demi.rs.ba/en/doc/eng_spisak_prijav_ljenih.pdf">http://www.demi.rs.ba/en/doc/eng_spisak_prijav_ljenih.pdf</a>
3	2007, 5	POPA GABRIEL NICOLAE, POPA IOSIF, DEACONU SORIN IOAN	PAST AND PRESENT IN PROGRAMMING TIME-DELAYS WITH LOW CAPACITY PROGRAMMABLE LOGIC CONTROLLERS	8 <sup>TH</sup> INTERNATIONAL CONFERENCE ON ACCOMPLISHMENTS OF ELECTRICAL, MECHANICAL AND INFORMATICE ENGINEERING, SECTION AUTOMATION, DEMI 2007, BANJALUKA 25-26 MAI, PROCEEDINGS CONFERINTA	391-396	978-99938-39-15-6	<a href="http://www.demi.rs.ba/en/doc/eng_spisak_prijav_ljenih.pdf">http://www.demi.rs.ba/en/doc/eng_spisak_prijav_ljenih.pdf</a>
4	2007, 5	POPA GABRIEL NICOLAE, POPA IOSIF, DEACONU SORIN IOAN	ANALYZE OF SOME INVERTER WELDING POWER SOURCES USED IN MANUAL-METAL ARC WELDING	8 <sup>TH</sup> INTERNATIONAL CONFERENCE ON ACCOMPLISHMENTS OF ELECTRICAL, MECHANICAL AND INFORMATICE ENGINEERING, SECTION AUTOMATION, DEMI 2007, BANJALUKA 25-26 MAI, PROCEEDINGS CONFERINTA	681-686	978-99938-39-15-6	<a href="http://www.demi.rs.ba/en/doc/eng_spisak_prijav_ljenih.pdf">http://www.demi.rs.ba/en/doc/eng_spisak_prijav_ljenih.pdf</a>
5	2007, 10	DEACONU SORIN IOAN, POPA GABRIEL NICOLAE, POPA IOSIF	INDUCTION GENERATOR WITH ROTOR WINDING AND STATIC FREQUENCY CONVERTER FOR MICRO HYDROELECTRIC POWER PLANTS OR WIND POWER STATION WITH VARIABLE SPEED	6 <sup>TH</sup> INTERNATIONAL CONFERENCE ON ELECTROMECHANICAL AND POWER SYSTEMS, SIELMEN 2007, CHIȘINĂU, REPUBLICA MOLDOVA 4-6, OCTOMBRIE, VOL. 2	233-236	ISSN 1842-4805	<a href="http://www.em.ucv.ro/FIEMII_vechi/Sielmen/default.htm">http://www.em.ucv.ro/FIEMII_vechi/Sielmen/default.htm</a>
6	2007, 10	POPA GABRIEL NICOLAE, POPA	COATED ELECTRODE MANUAL-METAL ARC	6 <sup>TH</sup> INTERNATIONAL CONFERENCE ON	279-284	ISSN 1842-4805	<a href="http://www.em.ucv.ro/FIEMII_vechi/Sielmen/d">http://www.em.ucv.ro/FIEMII_vechi/Sielmen/d</a>

		IOSIF, DEACONU SORIN IOAN	WELDING WITH HIGH FREQUENCY WELDING INVERTER POWER SOURCES	ELECTROMECHANICAL AND POWER SYSTEMS, SIELMEN 2007, CHIȘINĂU, REPUBLICA MOLDOVA 4-6, OCTOMBRIE, VOL. 2			<a href="#">efault.htm</a>
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8	2009, 5	DEACONU SORIN IOAN ,PARAN ADRIAN ,TOPOR MARCEL	MONITORING AND CONTROL OF A LOW-POWER HYDROELECTRIC POWER PLANT USING SPECIALIZED SOFTWARES	DEMI 2009 , 9 <sup>TH</sup> INTERNATIONAL CONFERENCE ON ACCOMPLISHMENTS IN ELECTRICAL AND MECHANICAL ENGINEERING AND INFORMATION TECHNOLOGY , BANJA LUKA BOSNIA-HERTEGOVINA , 28-29 MAI, PROCEEDINGS CONFERINTA	427-432	978-99938-39-23-1	<a href="http://www.demi.rs.ba/en/doc/eng_spisak_prijavljenih.pdf">http://www.demi.rs.ba/en/doc/eng_spisak_prijavljenih.pdf</a>
9	2009, 10	DEACONU SORIN IOAN , TOPOR MARCEL , GROZA ADRIANA , OJOG FLORIN , POPA GABRIEL NICOLAE	OPTIMIZATION OF ULTRASONIC WELDING JOINT OF AUTOMOTIVE ELECTRIC WIRINGS	SIELMEN 2009 , 7 <sup>TH</sup> INTERNATIONAL CONFERENCE ON ELECTROMECHANICAL AND POWER SYSTEMS , CHIȘINĂU , REPUBLICA MOLDOVA , 8-9 OCTOMBRIE, VOL. 2	333-336	978-606-520-618-2	<a href="http://www.sielmen2009.tuiasi.ro/">http://www.sielmen2009.tuiasi.ro/</a>
10	2009, 12	LATINOVIC TIHOMIR , LATINOVIC MILAN , DEACONU SORIN IOAN	GENETIC FUZZY ALGORITHM USED FOR ROBOT NAVIGATION	SCIENTIFIC PROCEEDINGS 2009 , FACULTY OF MECHANICAL ENGINEERING , STU IN BRATISLAVA	91-95	978-80-227-3326-7	<a href="http://www.mec.sut.sk">www.mec.sut.sk</a>
11	2010, 3	TOMA ADRIAN IOAN, POPA GABRIEL NICOLAE, IAGĂR ANGELA, DEACONU SORIN IOAN	EXPERIMENTAL ANALYSIS OF ELECTRIC PARAMETERS OF 100 T UHP ELECTRIC ARC FURNACE	IEEE-ICIT 2010 CHILE, INTERNATIONAL CONFERENCE ON INDUSTRIAL TECHNOLOGY, VINA DEL MAR, CHILE	919-924	978-1-4244-5695-6	<a href="http://www.icit2010.usml.cl">www.icit2010.usml.cl</a>
12	2010, 5	LATINOVIC TIHOMIR , DEACONU SORIN IOAN, LATINOVIC MILAN	GENETSKI FAZI ALGORITAM ZA UPRAVLJANJE MOBILNIM ROBOTOM	36 th JUPITER CONFERENCIJA , BEOGRAD 2010	3.109-3.113	ISSN 1767-5434	<a href="http://www.rofac.but.rs">www.rofac.but.rs</a>
13	2010, 5	POPA GABRIEL NICOLAE, POPA IOSIF, DEACONU SORIN IOAN, TOPOR MARCEL	AN EXPERIMENTAL STUDY FOR A LOW POWER HIGH FREQUENCY WELDING INVERTER POWER SOURCE	THE INTERNATIONAL CONFERENCE OF THE CARPATHIAN EURO-REGION SPECIALISTS IN INDUSTRIAL SYSTEMS, UNIVERSITATEA DE NORD BAIA MARE, ROMÂNIA	245-250	978-606-536-094-5	<a href="http://www.nordtech.ubm.ro/issues">http://www.nordtech.ubm.ro/issues</a>
14	2010, 6	POPA GABRIEL NICOLAE, DINIȘ CORINA MARIA, DEACONU SORIN IOAN, IAGĂR ANGELA	STUDY UPON A WOOD PROCESSING AUTOMATIC MACHINE	RECENT ADVANCES IN AUTOMATION AND INFORMATION, PROCEEDINGS OF THE 11 <sup>TH</sup> WSEAS INTERNATIONAL CONFERENCE ON AUTOMATION AND INFORMATION, ICAI'10, “G. ENESCU” UNIVERSITY, IAȘI, ROMÂNIA	189-194	978-960-474-193-9	<a href="http://www.wseas.org/">http://www.wseas.org/</a>
15	2010, 7	DEACONU SORIN IOAN, TOPOR MARCEL, POPA GABRIEL NICOLAE,	IMPROVEMENT OF THE EAF'S ENERGETICS PARAMETERS USING CAPACITIVE-INDUCTIVE FILTERS	14th WSEAS INTERNATIONAL CONFERENCE ON SYSTEMS , CORFU ISLAND , GREECE , JULY 22-24 2010	474-479	<b>978-960-474-214-1</b> ISSN 1792-4235	<a href="http://www.wseas.org/">http://www.wseas.org/</a>



		LATINOVIC TIHOMIR					
16	2010, 7	POPA GABRIEL NICOLAE, DEACONU SORIN IOAN, DINIȘ CORINA MARIA, IAGĂR ANGELA	AN ANALOGICAL DISTANCE RELAY FOR THE 110 KV ELECTRIC LINE	14th WSEAS INTERNATIONAL CONFERENCE ON SYSTEMS , CORFU ISLAND , GREECE , JULY 22-24 2010	165-170	<b>978-960-474-214-1</b> ISSN 1792-4235	<a href="http://www.wseas.org/">http://www.wseas.org/</a>
17	2010, 7	BACIU IOAN , CUNTAN CORINA DANIELA , DEACONU SORIN IOAN , IORDAN ANCA	STUDY OF THE DC MOTORS' BEHAVIOR FROM THE COMPONENCY OF ELECTRIC TRACTION SYSTEMS IN SHORT-CIRCUIT REGIME	14th WSEAS INTERNATIONAL CONFERENCE ON SYSTEMS , CORFU ISLAND , GREECE , JULY 22-24 2010	331-335	<b>978-960-474-214-1</b> ISSN <b>1792-4235</b>	<a href="http://www.wseas.org/">http://www.wseas.org/</a>
18	2010, 10	DEACONU SORIN IOAN, POPA GABRIEL NICOLAE, BACIU IOAN	SIMULATIONS OF THE INDUCTION GENERATORS WITH SHORT-CIRCUITED ROTOR	UNIVERSITARIA SIMPRO 2010 , ELECTRICAL ENGINEERING AND ENERGETICS SYSTEM CONTROL , APLIED INFORMATICS AND COMPUTER , 14-15 OCTOBER , PETROSANI	57-62	<b>ISSN 1842-4449</b>	<a href="http://www.upet.ro">www.upet.ro</a>
19	2010, 10	DEACONU SORIN IOAN, MARCEL TOPOR, POPA GABRIEL NICOLAE	STUDY OF TRANSITORY REGIMES AT START-UP WITH SOFTSTARTER OF THE INDUCTION MOTORS WITH SQUIRREL CAGE ROTOR	6th INTERNATIONAL CONFERENCE ON ELECTRICAL AND POWER ENGINEERING , 28-30 OCTOBER , 2010 , IASI , ROMANIA	II 117-120	<b>978-606-13-0078-5</b>	<a href="http://www.et.tuiasi.ro">www.et.tuiasi.ro</a>
20	2010, 11	DEACONU SORIN IOAN, TUTELEA LUCIAN NICOLAE, POPA GABRIEL NICOLAE, LATINOVIC TIHOMIR	ARTIFICIAL LOADING FOR ROTATING ELECTRIC MACHINES	INTERNATIONAL SYMPOSIUM ON ADVANCED ENGINEERING&APPLIED MANAGEMENT , 4-5 NOVEMBER , 2010 , HUNEDOARA , ROMANIA	219-224	<b>978-973-0-09340-7</b>	<a href="http://www.fih.upt.ro">www.fih.upt.ro</a>
21	2010, 11	POPA IOSIF, POPA GABRIEL NICOLAE, DEACONU SORIN IOAN	THE SIZING OF THE BRANCH THREE-PHASE LOW VOLTAGE POWER LINES THROUGH SUPERPOSITION METHOD	INTERNATIONAL SYMPOSIUM ON ADVANCED ENGINEERING&APPLIED MANAGEMENT , 4-5 NOVEMBER , 2010 , HUNEDOARA , ROMANIA	183-188	<b>978-973-0-09340-7</b>	<a href="http://www.fih.upt.ro">www.fih.upt.ro</a>
22	2010, 11	POPA GABRIEL NICOLAE, DEACONU SORIN IOAN, POPA IOSIF, DINIȘ CORINA MARIA	NEW TRENDS IN DETECTION OF THE BACK-CORONA DISCHARGES IN PLATE-TYPE ELECTROSTATIC PRECIPITATORS	INTERNATIONAL SYMPOSIUM ON ADVANCED ENGINEERING&APPLIED MANAGEMENT , 4-5 NOVEMBER , 2010 , HUNEDOARA , ROMANIA	203-208	<b>978-973-0-09340-7</b>	<a href="http://www.fih.upt.ro">www.fih.upt.ro</a>
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24	2011, 5	DEACONU SORIN IOAN , OPRİȘA NICU , POPA GABRIEL NICOLAE , LATINOVIC TIHOMIR	ULTRASONIC WELDING SYSTEM FOR AUTOMOTIVE WIRINGS INDUSTRY	DEMI 2011 , 10 <sup>th</sup> INTERNATIONAL CONFERENCE ON ACCOMPLISHMENTS IN ELECTRICAL AND MECHANICAL ENGINEERING AND INFORMATION TECHNOLOGY , BANJA LUKA BOSNIA-HERTEGOVINA , 26-28 MAI, PROCEEDINGS CONFERINTA	911-916	<b>978-99938-39-36-1</b>	<a href="http://www.demi.rs.ba/en/doc/eng_spisak_prijav_ljenih.pdf">http://www.demi.rs.ba/en/doc/eng_spisak_prijav_ljenih.pdf</a>
25	2011, 5	LATINOVIC TIHOMIR ,	INTELLIGENT APPROACH FOR	DEMI 2011 , 10 <sup>th</sup> INTERNATIONAL CONFERENCE ON	857-862	<b>978-99938-39-</b>	<a href="http://www.demi.rs.ba/en/doc/eng_spisak_prijav_ljenih.pdf">http://www.demi.rs.ba/en/doc/eng_spisak_prijav_ljenih.pdf</a>

		DEACONU SORIN IOAN, REMIQUEZ LABUDSKI, TOPOR MARCEL	MOBILE ROBOT SIMULATOR WITH ROBOSIM SOFTWARE	ACCOMPLISHMENTS IN ELECTRICAL AND MECHANICAL ENGINEERING AND INFORMATION TECHNOLOGY, BANJA LUKA BOSNIA-HERTEGOVINA, 26-28 MAI, PROCEEDINGS CONFERINTA		<b>36-1</b>	
26	2011, 6	TUTELEA LUCIAN NICOLAE, DEACONU SORIN IOAN, BOLDEA IOAN, MARIIGNETTI FABRIZIO, POPA GABRIEL NICOLAE	QUASI-3D FEM ANALYSIS OF AN SINGLE STATOR DUAL PM ROTORS AXIAL SYNCHRONOUS MACHINE FOR HYBRID ELECTRIC VEHICLES	ELECTRIMACS 2011, PROCEEDINGS, UNIVERSITY CERGY-PONTOISE, PARIS, JUNE 6-8 <sup>th</sup> , 2011	7 pp	<b>978-2-7466-3454-1</b>	<a href="http://www3.u-cergy.fr/electrimacs2011/">http://www3.u-cergy.fr/electrimacs2011/</a>
27	2011, 6	BOLDEA ION, TUTELEA LUCIAN NICOLAE, DEACONU SORIN IOAN, MARIIGNETTI FABRIZIO	DUAL ROTOR SINGLE STATOR BRUSHLESS PMSM MOTOR/GENERATOR SYSTEM FOR FULL HEVs	PROCEEDINGS OF THE 4 <sup>th</sup> INTERNATIONAL CONFERENCE on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE ECAI 2011, 30 IUNIE-2 IULIE, PITESTI, ROMANIA	95-102	<b>ISSN 1843-2115</b>	<a href="http://www.upit.ro/index.php?i=880">http://www.upit.ro/index.php?i=880</a>
28	2011, 9	TUTELEA LUCIAN NICOLAE, DEACONU SORIN IOAN, BOLDEA IOAN, MARIIGNETTI FABRIZIO, POPA GABRIEL NICOLAE	DESIGN AND CONTROL OF A SINGLE STATOR DUAL PM ROTORS AXIAL SYNCHRONOUS MACHINE FOR HYBRID ELECTRIC VEHICLES	EPE 2011, 14 <sup>TH</sup> EUROPEAN CONFERENCE ON POWER ELECTRONICS AND APPLICATIONS, BIRMINGHAM, ANGLIA	10 pp	<b>978-1-61284-167-0</b>	<a href="http://www.epe2011.com/">http://www.epe2011.com/</a>
29	2011, 9	POPA GABRIEL NICOLAE, DINIȘ CORINA MARIA, DEACONU SORIN IOAN	NUMERICAL MODELLING IN PLATE-TYPE ELECTROSTATIC PRECIPITATOR SUPPLIED WITH PULSE ENERGIZATION	EPE 2011, 14 <sup>TH</sup> EUROPEAN CONFERENCE ON POWER ELECTRONICS AND APPLICATIONS, BIRMINGHAM, ANGLIA	8 pp	<b>978-1-61284-167-0</b>	<a href="http://www.epe2011.com/">http://www.epe2011.com/</a>
30	2011, 12	DEACONU SORIN IOAN, POPA GABRIEL NICOLAE	EXPERIMENTAL SURVEY FOR REDUCING THE FLICKER EFFECT AND THE DEFORMING REGIME PRODUCED BY EAFs	<b>RECENT RESEARCHES in CIRCUITS, SYSTEMS, COMMUNICATIONS and COMPUTERS</b> <i>European Conference of SYSTEMS (ECS'11)</i> <i>Puerto De La Cruz, Tenerife, December 10-12, 2011</i>	149-154	<b>978-1-61804-056-5</b>	<a href="http://www.naun.org/conferences/2011/tenerife/eccs/">http://www.naun.org/conferences/2011/tenerife/eccs/</a>

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Nr. crt.	An, luna	Autor(i)	Titlu lucrare	Conferinta nationala / simpozionul (nume, loc, perioada de desfasurare, vol.)	Pag., nr. pagini	ISBN	Site web conferinta
1	2007, 6	DEACONU SORIN IOAN, POPA GABRIEL NICOLAE, POPA IOSIF	COMPENSAREA ENERGIEI REACTIVE ȘI A ARMONICELOR SUPERIOARE GENERATE DE UN CUPTOR ELECTRIC TRIFAZAT CU ARC CU AJUTORUL BATERIILOR DE CONDENSATOR SAU A COMPENSATORILOR SINCRONE	LUCRĂRILE CELEI DE A ȘAPTEA CONFERINȚE NAȚIONALE-CU PARTICIPARE INTERNAȚIONALĂ- "PROFESORUL DORIN PAVEL – FONDATORUL HIDROTEHNICII ROMĂNEȘTI", 29-30 MAI, ȘTIINȚĂ ȘI INGINERIE, VOL.XI, SEBEȘ, 2007, EDITURA AGIR	203-208	ISBN 973-8130-82-4, ISBN 978-973-720-122-5	<a href="http://www.agir.ro">www.agir.ro</a>

2	2007, 11	DEACONU SORIN IOAN , EGYED FRANCISC , POPA GABRIEL NICOLAE, POPA IOSIF, KAITAR RADU	CREȘTEREA EFICIENȚEI SISTEMELOR DE TERMOFICARE URBANĂ PRIN UTILIZAREA TURAȚIEI VARIABLE	CONFERINȚA NAȚIONALĂ ȘI EXPOZIȚIA DE ENERGETICĂ, CNEE 2007, SINAIA , 7-9 NOIEMBRIE, VOL. 2, EDITURA SIER	545- 548	ISSN 1843- 6005	<a href="http://www.agir.ro">www.agir.ro</a>
3	2008, 5	DEACONU SORIN IOAN , POPA GABRIEL NICOLAE, POPA IOSIF, DINIȘ CORINA	STUDIUL INFLUENȚEI TENSIUNII INIȚIALE DE PORNIRE ASUPRA TIMPULUI DE CONECTARE A CONTACTORUL UI DE BYPASS	LUCRĂRILE CELEI DE A VIII-A CONFERINȚE NAȚIONALE MULTIDISCIPLINARE – CU PARTICIPARE INTERNAȚIONALĂ – “PROFESORUL DORIN PAVEL – FONDATORUL HIDROENERGETICII ROMÂNEȘTI”, SEBEȘ, 2008, 30-31, MAI, VOL. XIII, ȘTIINȚĂ ȘI INGINERIE, EDITURA AGIR	263- 268	ISBN 973-8130- 82-4, ISBN 978-973- 720-197-3	<a href="http://www.agir.ro">www.agir.ro</a>
4	2009, 6	DEACONU SORIN IOAN , TERME IOAN , TOPOR MARCEL , POPA GABRIEL NICOLAE	AUTOMATIZARE A INSTALAȚIEI DE PALETIZAT SACI CU CIMENT	A IX-A CONFERINȚA NAȚIONALĂ MULTIDISCIPLINARĂ – CU PARTICIPARE INTERNAȚIONALĂ , “ PROFESORUL DORIN PAVEL – FONDATORUL HIDROENERGETICII ROMÂNEȘTI” ,SEBES , 5-6 IUNIE, VOL. XV	715- 722	973-8130- 82-4 978-973- 720-245-1	<a href="http://www.agir.ro">www.agir.ro</a>
5	2010 , 6	DEACONU SORIN IOAN, TOPOR MARCEL, POPA GABRIEL NICOLAE, MOTORGA CARMEN, NASAUDEAN MARIA	SOLUTII DE PUNERE IN VALOARE A POTENTIALULUI HIDROENERGET IC	A X-A CONFERINȚĂ NAȚIONALĂ MULTIDISCIPLINARĂ, CU PARTICIPARE INTERNAȚIONALĂ “PROF.DORIN PAVEL – FONDATORUL HIDROENERGETICII ROMÂNEȘTI, 4-5 IUNIE, SEBES, VOL. 17	467- 474	ISSN 2067- 7138	<a href="http://www.agir.ro">www.agir.ro</a>
6	2010 , 6	DEACONU SORIN IOAN, RADU BABAU, TOPOR MARCEL, POPA GABRIEL NICOLAE, MOTORGA CARMEN, NEGOEASA TUDORA	MICROHIDROCE NTRALA CU TURATIE VARIABILA PE CONDUCTA DE ALIMENTARE A UNEI STATII DE TRATARE A APEI	A X-A CONFERINȚĂ NAȚIONALĂ MULTIDISCIPLINARĂ, CU PARTICIPARE INTERNAȚIONALĂ “PROF.DORIN PAVEL – FONDATORUL HIDROENERGETICII ROMÂNEȘTI, 4-5 IUNIE, SEBES, VOL. 17	475- 482	ISSN 2067- 7138	<a href="http://www.agir.ro">www.agir.ro</a>
7	2010, 6,	POPA IOSIF, POPA GABRIEL NICOLAE, DEACONU SORIN IOAN	LOCALIZAREA PUNERILOR LA PĂMÂNT ȘI A SCURTCIRCUITE LOR DIN LINIILE ELECTRICE, CU PUNȚILE DE C.C.	A X-A CONFERINȚĂ NAȚIONALĂ MULTIDISCIPLINARĂ CU PARTICIPARE INTERNAȚIONALĂ PROF. DORIN PAVEL, ȘTIINȚĂ ȘI INGINERIE, VOL. 17, SEBEȘ 2010, EDITURA AGIR	379- 384	ISSN 2067- 7138	<a href="http://www.agir.ro">www.agir.ro</a>
8	2010, 6,	POPA GABRIEL NICOLAE, DEACONU SORIN IOAN, DINIȘ CORINA MARIA, POPA IOSIF	MĂSURĂTORI ELECTRICE ASUPRA UNUI MOTOR ASINCRON TRIFAZAT DE PUTERE ÎN TIMPUL PORNIRII	A X-A CONFERINȚĂ NAȚIONALĂ MULTIDISCIPLINARĂ CU PARTICIPARE INTERNAȚIONALĂ PROF. DORIN PAVEL, ȘTIINȚĂ ȘI INGINERIE, VOL. 17, SEBEȘ 2010, EDITURA AGIR	385- 392	ISSN 2067- 7138	<a href="http://www.agir.ro">www.agir.ro</a>
9	2010	POPA GABRIEL NICOLAE, POPA IOSIF, DEACONU	ANALIZA COMPARATIVĂ A UNOR AUTOMATE PROGRAMABILE	AUOMATIZĂRI ȘI INSTRUMENTAȚIE, NR.5-6, BUCUREȘTI, 2010	16-17	ISSN 1582- 3334	<a href="http://www.aair.org.ro">www.aair.org.ro</a>

		SORIN IOAN	DE MICĂ CAPACITATE				
10	2010	DEACONU SORIN IOAN, TOPOR MARCEL, POPA GABRIEL NICOLAE, POPA IOSIF	SISTEME DE PRODUCERE A ENERGIEI ELECTRICE CU GENERATOR ASINCRON CU ROTOR BOBINAT ȘI CONVERTIZOR STATIC DE FRECVENȚĂ CE FUNȚIONEAZĂ CU TURAȚIE VARIABILĂ	AUOMATIZĂRI ȘI INSTRUMENTAȚIE, NR.3-4, BUCUREȘTI, 2010	16-20	ISSN 1582-3334	<a href="http://www.aair.org.ro">www.aair.org.ro</a>
11	2010	POPA IOSIF, POPA GABRIEL NICOLAE, DEACONU SORIN IOAN	CONCEPEREA ȘI REALIZAREA UNUI RELEU ELECTRONIC DE TIMP CU TEMPORIZARE LA ACȚIONARE ȘI REVENIRE, CU CIRCUITE LOGICE INTEGRATE	AUOMATIZĂRI ȘI INSTRUMENTAȚIE, NR.1-2, BUCUREȘTI, 2010	26-27	ISSN 1582-3334	<a href="http://www.aair.org.ro">www.aair.org.ro</a>
12	2011, 1	DEACONU SORIN IOAN, ROSU ALINA ELENA, POPA GABRIEL NICOLAE	SISTEM DE MONITORIZARE A CANTITATILOR DE MATERIALE DIN SILOZURILE UNEI OTELARII	AUOMATIZĂRI ȘI INSTRUMENTAȚIE, NR.1, BUCUREȘTI, 2011	14-15	ISSN 1582-3334	<a href="http://www.aair.org.ro">www.aair.org.ro</a>
13	2011, 2	BACIU IOAN, CUNTAN DANIELA CORINA, POPA GABRIEL NICOLAE, DEACONU SORIN IOAN	DETERMINAREA ARMONICELOR DE TENSIUNE SI CURENT INTRODUSE IN LINIA DE ALIMENTARE MONOFAZATA DE O LOCOMOTIVA ELECTRICA ECHIPATA CU MOTOARE DE C.C. IN REGIM DE BLOCARE A ROTILOR	AUOMATIZĂRI ȘI INSTRUMENTAȚIE, NR.2, BUCUREȘTI, 2011	16-17	ISSN 1582-3334	<a href="http://www.aair.org.ro">www.aair.org.ro</a>
14	2011, 6	DEACONU SORIN IOAN, POPA GABRIEL NICOLAE, RODEAN IOAN, MOTORGA CARMEN	UTILIZAREA INDUSTRIALA A CONVERTOARE LOR STATICE DE PUTERE (I)	A XI-A CONFERINȚĂ NAȚIONALĂ MULTIDISCIPLINARĂ CU PARTICIPARE INTERNAȚIONALĂ PROF. DORIN PAVEL, ȘTIINȚĂ ȘI INGINERIE, VOL. 19, SEBEȘ 2011, EDITURA AGIR	377-382	ISSN 2067-7138	<a href="http://www.agir.ro">www.agir.ro</a>
15	2011, 6	DEACONU SORIN IOAN, POPA GABRIEL NICOLAE, RODEAN IOAN, MOTORGA CARMEN	UTILIZAREA INDUSTRIALA A CONVERTOARE LOR STATICE DE PUTERE (II)	A XI-A CONFERINȚĂ NAȚIONALĂ MULTIDISCIPLINARĂ CU PARTICIPARE INTERNAȚIONALĂ PROF. DORIN PAVEL, ȘTIINȚĂ ȘI INGINERIE, VOL. 19, SEBEȘ 2011, EDITURA AGIR	383-388	ISSN 2067-7138	<a href="http://www.agir.ro">www.agir.ro</a>
16	2011, 6	TUTELEA LUCIAN NICOLAE, DEACONU SORIN IOAN,	SISTEM DE CONTROL AL MASINII ASINCRONE CU ROTOR	A XI-A CONFERINȚĂ NAȚIONALĂ MULTIDISCIPLINARĂ CU PARTICIPARE INTERNAȚIONALĂ PROF. DORIN PAVEL, ȘTIINȚĂ ȘI INGINERIE, VOL. 19, SEBEȘ 2011,	423-428	ISSN 2067-7138	<a href="http://www.agir.ro">www.agir.ro</a>

		OPRISA GELU	BOBINAT IN APLICATII EOLIENE	EDITURA AGIR			
17	2011 , 6	POPA IOSIF , POPA GABRIEL NICOLAE , DEACONU SORIN IOAN , DINIS MARIA CORINA	DETERMINAREA TIMPULUI DE PORNIRE A TRANSPORTOAR ELOR CU BANDA ACTIONATE CU MOTOR ASINCRON TRIFAZAT	A XI-A CONFERINȚĂ NAȚIONALĂ MULTIDISCIPLINARĂ CU PARTICIPARE INTERNAȚIONALĂ PROF. DORIN PAVEL, ȘTIINȚĂ ȘI INGINERIE, VOL. 19, SEBEȘ 2011, EDITURA AGIR	353- 360	ISSN 2067- 7138	<a href="http://www.agir.ro">www.agir.ro</a>
18	2011 , 6	, POPA GABRIEL NICOLAE , DEACONU SORIN IOAN , DINIS MARIA CORINA , POPA IOSIF	ALIMENTAREA CU ENERGIE ELECTRICA SI AUTOMATIZARE A ELECTROFILTR LOR CU PLACI INDUSTRIALE	A XI-A CONFERINȚĂ NAȚIONALĂ MULTIDISCIPLINARĂ CU PARTICIPARE INTERNAȚIONALĂ PROF. DORIN PAVEL, ȘTIINȚĂ ȘI INGINERIE, VOL. 19, SEBEȘ 2011, EDITURA AGIR	329- 336	ISSN 2067- 7138	<a href="http://www.agir.ro">www.agir.ro</a>
19	2012 , 6	DEACONU SORIN IOAN , POPA GABRIEL NICOLAE , POPA IOSIF , MOTORGA CARMEN	ACTIONARI ELECTRICE PERFORMANTE CU MASINI ASINCRONE SI SINCRONE	A XII-A CONFERINȚĂ NAȚIONALĂ MULTIDISCIPLINARĂ CU PARTICIPARE INTERNAȚIONALĂ PROF. DORIN PAVEL, ȘTIINȚĂ ȘI INGINERIE, VOL. 21, SEBEȘ 2012, EDITURA AGIR	249- 254	ISSN 2067- 7138	<a href="http://www.agir.ro">www.agir.ro</a>
20	2012 , 6	POPA GABRIEL NICOLAE , DINIS CORINA MARIA , DEACONU SORIN IOAN , POPA IOSIF	INTENSITATEA CAMPULUI ELECTRIC SI TENSIUNEA DE DESCARCARE INTRE ELECTROZII ELECTROFILTR LOR INDUSTRIALE CU PLACI	A XII-A CONFERINȚĂ NAȚIONALĂ MULTIDISCIPLINARĂ CU PARTICIPARE INTERNAȚIONALĂ PROF. DORIN PAVEL, ȘTIINȚĂ ȘI INGINERIE, VOL. 21, SEBEȘ 2012, EDITURA AGIR	323- 330	ISSN 2067- 7138	<a href="http://www.agir.ro">www.agir.ro</a>
21	2012 , 6	POPA IOSIF , POPA GABRIEL NICOLAE , DEACONU SORIN IOAN	PROIECTAREA SEZIZORULUI CAPACITIV DE INTRERUPERE A UNEI FAZE , A SISTEMULUI TRIFAZAT DE ALIMENTARE CU ENERGIE A MOTOARELOR ELECTRICE	A XII-A CONFERINȚĂ NAȚIONALĂ MULTIDISCIPLINARĂ CU PARTICIPARE INTERNAȚIONALĂ PROF. DORIN PAVEL, ȘTIINȚĂ ȘI INGINERIE, VOL. 21, SEBEȘ 2012, EDITURA AGIR	255- 264	ISSN 2067- 7138	<a href="http://www.agir.ro">www.agir.ro</a>
22	2012	TUTELEA LUCIAN NICOLAE , DEACONU SORIN IOAN , POPA GABRIEL NICOLAE	SISTEM DE ACTIONARE ELECTRICA CU MASINA SINCRONA CU MAGNETI PERMANENTI SI INTREFIER AXIAL AVAND UN STATOR SI DOUA ROTOARE PENTRU VEHICULE ELECTRICE HIBRIDE	AUOMATIZĂRI ȘI INSTRUMENTAȚIE, NR.3-4, BUCUREȘTI, 2012	22-23	ISSN 1582- 3334	<a href="http://www.aair.org.ro">www.aair.org.ro</a>

### 7. Carti publicate in edituri din strainatate

Nr. crt.	Autor(i)	Titlu	Tipul cartii (monografie, tratat, manual pt studenti, etc)	Editura, anul apariției	Numar pagini	ISBN	Site web editura

### 8. Carti publicate in edituri din tara

Nr. crt.	Autor(i)	Titlu	Tipul cartii (teza de doctorat, monografie, tratat, manual pt studenti, etc)	Editura, anul apariției	Nr. pag.	ISBN	Site web editura	Clasificare CNCISIS a editurii
1	DEACONU SORIN IOAN	MAȘINI ELECTRICE DE CURENT ALTERNATIV. ELEMENTE FUNDAMENTALE	CARTE DE SPECIALITATE	POLITEHNICA TIMIȘOARA 2008	154	978-973-625-738-4	<a href="http://www.editura-politehnica.ro/">http://www.editura-politehnica.ro/</a>	COD CNCISIS 186
2	DEACONU SORIN IOAN	ELEMENTE GENERALE ALE MAȘINILOR ELECTRICE. TRANSFORMATORUL ȘI MASINA DE CURENT CONTINUU	CARTE DE SPECIALITATE	POLITEHNICA TIMIȘOARA 2008	141	978-973-625-739-1	<a href="http://www.editura-politehnica.ro/">http://www.editura-politehnica.ro/</a>	COD CNCISIS 186

### 9. Citari in literatura de specialitate

Nr. crt.	Anul citarii	Luna citarii	Autor(i)	Titlul lucrării citate	Revista / volumul in care a fost publicata lucrarea, inclusiv an	ISSN / ISBN	Revista / volumul in care a fost citata lucrarea (nume, volum, pag.)	Autori / titlu lucrare care citeaza	ISSN / ISBN
1	2009	3	DEACONU SORIN IOAN , POPA GABRIEL NICOLAE , POPA IOSIF	INCREASING THE ENERGETIC EFFICIENCY IN PRODUCING OF ELECTRIC AND THERMAL POWER IN THERMAL POWER PLANTS BY USING OF VARIABLE SPEED	WSEAS TRANSACTIONS ON SYSTEMS, VOLUME 7, ISSUE 9, SEPTEMBER 2008, PAG. 834-843,	ISSN 1109-2777	WSEAS TRANSACTIONS ON SYSTEMS, VOLUME 8, ISSUE 3, MARCH 2009, PAG. 410-419	RAMOS M.C.E.S. , TATIZAWA H. , BURANI G.F. , RAMOS M.C.G / METHODOLOGY FOR ASSESSMENT AND OPTIMIZATION OF INDUCTION ELECTRIC MOTORS AIMING ENERGY CONSERVATION , AIDED BY COMPUTER SIMULATION	ISSN 1109-2777
2	2011	10	BOLDEA ION, TOPOR MARCEL , FABRIZIO	A NOVEL , SINGLE STATOR DUAL PM ROTOR,	12th INTERNATIONAL CONFERENCE ON OPTIMIZATION OF	ISBN 978-4244-7020-4	IEEE TRANSACTIONS ON MAGNETICS, VOL. 47, ISSUE 10,	PAULIDES, JOHANES J.H.; GYSEN, BART L.J.; MEESEN,	ISSN : 0018-9464



### 13. Membrii comitete organizare conferinte naționale și internaționale

Nr. crt.	Nume și prenume	Poziția (membru comitet de organizare/ recenzor)	Numele conferinței, loc și perioada de desfășurare	Organizația profesională/ instituția organizatoare	ISBN volum conferință	Site web conferință	Observații (cotare conferință sau volum
1	DEACONU SORIN IOAN	MEMBRU COMITET INTERNATIO NAL DE ORGANIZARE	SYSTEMS 2009 , 13TH WSEAS INTERNATIONAL CONFERENCE ON SYSTEMS , ISSN 1790-2769 , INSULA RODOS , GRECIA , 22-24 IULIE	WSEAS	978-960-474- 097-0	<a href="http://www.wseas.us/conferences/2009/rodos/iccomp/">http://www.wseas.us/ conferences/2009/rod os/iccomp/</a>	Conferinta cu ISI Proceedings
2	DEACONU SORIN IOAN	MEMBRU COMITET STIINTIFIC DE ORGANIZARE	INTERNATIONAL SYMPOSIUM ON ADVANCED ENGINEERING&A PPLIED MANAGEMENT , HUNEDOARA , NOVEMBER 4-5 , 2010	UNIVERSITATE A POLITEHNICA TIMISOARA	978-973-0- 09340-7	<a href="http://www.fih.upt.ro">www.fih.upt.ro</a>	Conferinta Internationala
3	DEACONU SORIN IOAN	MEMBRU COMITET INTERNATIO NAL DE ORGANIZARE	SYSTEMS 2012 , 16TH WSEAS INTERNATIONAL CONFERENCE ON SYSTEMS, INSULA KOS , GRECIA , 14- 17 IULIE	WSEAS	<b>978-61804- 108-1</b>	<a href="http://www.wseas.us/conferences/2012">http://www.wseas.us/ conferences/2012</a>	Conferinta cu ISI Proceedings
4	DEACONU SORIN IOAN	MEMBRU COMITET STIINTIFIC DE ORGANIZARE	EPE 2012 INTERNATIONAL CONFERENCEAND EXPOSITION ON ELECTRICAL AND POWER ENGINEERING, IASI , ROMANIA, 25-27 OCTOMBRIE	UNIVERSITATE A GH. ASACHI IASI IEEE ROMANIA	978-1-4673- 5001-3	<a href="http://www.epe.tuiasi.ro/2012/">http://www.epe.tuiasi .ro/2012/</a>	Conferinta Internationala

### 14. Premii / distinctii internationale

Nr. crt.	Nume si prenume	Tipul premiului / distinctiei	Organizatia care a decernat premiul / distinctia, anul decernării	Lucrarea / proiectul pentru care a fost decernat premiul / distinctia

### 15. Conducere de doctorat

Nr. crt.	Nume și prenume	Domeniul	Anul dobândirii calității de conducător de doctorat	Doctoranzi în stagiul (nume și prenume)	Forma de studiu (frecvență, fără frecvență, străin)	Tema de cercetare



### 16. Proiecte de cercetare științifică internațională

Nr. crt.	Denumire proiect, nr. contract, tip proiect, director, parteneri (cu precizarea coordonatorului)	Perioada de derulare	Echipa	Modul de finanțare	Rezultate și modalități de valorificare a cercetării		
					Valoare realizată		Nr. lucrări publicate, cărți și alte produse ale cercetării
					An universitar	RON	

### 17. Proiecte de cercetare științifică națională

Nr. crt.	Denumire proiect, nr. contract, tip proiect, director, parteneri (cu precizarea coordonatorului)	Perioada de derulare	Echipa	Modul de finanțare	Rezultate și modalități de valorificare a cercetării		
					Valoare realizată		Nr. lucrări publicate, cărți și alte produse ale cercetării
					An universitar	RON	
1	TEHNOLOGII NOI DE ACUATOARE ELECTRICE PENTRU AUTOMOBILE CEEX X2 C33 , PROGRAMUL EXCELENȚĂ. PROIECT DE CERCETARE DEZVOLTARE COMPLEX PROF. DR. ING BOLDEA ION UNIVERSITATEA TRANSILVANIA BRASOV ( PROF. DR. ING. MIHAI CERNAT )	2008	BOLDEA ION , DRAGOMIR T. L. , ANDREESCU GH. , MUNTEAN N. , TUTELEA LUCIAN , LASCU C. , NANU S. , IONICA T. , OCOLISAN F. , GRADINARU V. , AGARLITA S. , PAICU M. , DAN A.M. , POPA A. , ANCUTIR. , COROBAN V. , FATU M. , CIBU L. , DEACONU SORIN IOAN , ANTAL ROBERT , IEPURE LIVIU , STIRBAN ALIN , SCHLESINGER CRISTIAN	buget	2008	196000	1 brevet 6 lucrari jurnale si conferinte
2	Parteneriat pentru efectuarea stagiului de practică a studenților în domeniul tehnologiei informației și a comunicației Cotract POSDRU/22/2.1/G/40356 Manager proiect: Manuela Pănoiu	2010-2012	Manuela Pănoiu, Sorin Deaconu, Caius Pănoiu, Ionel Muscalagiu, Mihaela Osaci, Corina Cunțan, Anca Iordan	FSE- POSDRU DMI 2.1 Tranziția de la școală la viața activă	2010-2011 2011-2012	362.748 254.909	3 Manuale Ghid practică an I, An II, An III
3	Dezvoltarea și susținerea de programe postdoctorale multidisciplinare în domenii tehnice prioritare ale strategiei naționale de cercetare - dezvoltare - inovare 4D- POSTDOC	2010-2013	Vasiu Radu, Andone Diana, Ignea Alimpie, Grecea Daniel, Gui Vasile, Dolga Lia, Grecea Carmen, Muntean Nicolae, Kilyeni Stefan, Toader Dumitru, Andea Petru, Surianu Flavius, Ionel Ioana, Marsavina Liviu, Otesteanu Marius, Deaconu Sorin Ioan, Naformita Miranda, Isar Alexandru, Anton Liviu, Jurca Ioan	POSDRU/ 89/1.5/S/5 2603	2010 2011 2012	334314 162627	10 lucrari jurnale si conferinte
4	Microgrid integrated small power renewable energy hybrid systems	2012-2015	Prostean Octavian, Muntean Nicolae, Budisan Nicolae, Filip Ioan, Barglazan Mircea, Prostean Gabriela,	PCCA 36/2012, PN-II-PT- PCCA- 2011-3.2-	2012	138686	

			Kiliyeni Stefan, Bordeasu Ilarie, Milos Teodor, Vasar Cristian, Tutelea Lucian, Lascu Cristian, Ungureanu Dan, Szeidert Iosif, Bej Adrian, Stroita Daniel, Boraci Radu, Cornea Octavian, Deaconu Sorin, Tirian Ovidiu, Robu Andreea and Badarau Rodica	1519			
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### 18. Contracte cu terți

Nr. crt.	Denumire contract, nr. contract, director, beneficiar	Perioada de derulare	Echipa	Finanțator	Rezultate și modalități de valorificare a cercetării		
					Valoare realizată		Nr. lucrări publicate, cărți și alte produse ale cercetării
					An universitar	RON	
1	IMBUNATATIREA PERFORMANTELOR ENERGETICE A CONSUMATORILOR ELECTRICI DE LA S.C. ISON TRADE CONSTRUCT S.R.L., 93/18.09.2009, DIRECTOR POPA GABRIEL NICOLAE, BENEFICIAR S.C. ISON TRADE CONSTRUCT S.R.L.	2009-2010	POPA GABRIEL NICOLAE, DEACONU SORIN IOAN, TOPOR MARCEL	S.C. ISON TRADE CONSTRUCT S.R.L. HUNEDOARA	2009-2010	19850	2 lucrari

**Data: 15.11.2012**

**Semnătura:**  
**Conf. dr. ing. DEACONU SORIN IOAN**

*Deaconu*