

**Denumire procedură operațională:
Înființarea și certificarea internă a centrelor de cercetare
din Institutul de cercetare**

Anexa 1

Documentație de înființare / Raport de autoevaluare pentru certificarea internă

Cuprins

1. Prezentarea Centrului de cercetare

1. 1. Denumire centru

ELECTROMET

1.2. Date de identificare a Centrului de cercetare

Centrul de Cercetare “ELECTROMET” își desfășoară activitatea în cadrul Facultății de Electronică și Calculatoare a Universității din Pitești

1.3. Director centru

Conf. Dr. Ing. Eugen Diaconescu

1.4. Adresa/Telefon/E-mail centru

Corpul A al Universității, sala A014

Telef. : 0740079331

electromet.upit@gmail.com

1.5. Pagina web a centrului

electromet.url.ph

1.6. Anul înființării

3.09.1999 (decizia senatului/rectorului nr. 277/03.09.1999)

1.7. Recunoscut CNSIS (DA/)

**Certificat «Centru de cercetare științifică tip B », anul 1999
Certificat nr. 12/CC-B**

2. Domeniul de specialitate

2.1. Domeniul fundamental

Inginerie Electrică

2.2. Direcții de cercetare

- **Sisteme electrice (inclusiv sisteme auto electrice, electronice, mecatronice, electromecanice, acționări speciale etc.);**
- **Mașini si acționări electrice;**
- **Sisteme de conversie cu accent pe surse de energie regenerabile;**
- **Instrumentație achiziției de date și măsurări.**
- **Controlul si optimizarea sistemelor electromecanice.**
- **Software industrial.**

3. Regulamentul de funcționare.

Statutul Centrului de Cercetare “ELECTROMET” și Regulamentul de funcționare sunt prezentate ca anexe.

4. Lista personalului Centrului de Cercetare :

4.1. Personal didactic și de cercetare

1. Prof. dr. ing. Emilian Lefter
2. Conf. dr. ing. Eugen Diaconescu
3. Conf. dr. ing. Cazacu Dumitru
4. Sl. dr. ing. Luminita Constantinescu
5. Sl. dr. ing. Robert Beloiu
6. Sl. dr. ing. Constantin Stoica
7. Sl. dr. ing. Mariana Iorgulescu
8. Sl. Dr. ing. Florentina Enescu
9. Sl. dr. ing. Magdalena Alexandru
10. As. drd. ing. Bogdan Enache

4.2. Personal de cercetare angajat.

ELECTROMET nu are personal de cercetare angajat

5. Planificarea anuală a activităților (în cazul personalului de cercetare angajat).

6. Planificarea lunară a activităților (în cazul personalului de cercetare angajat).

7.Criterii de performanță

7.1.Articole, proceeding paper, review publicate in reviste cotate ISI Web of Science

1.Articole, proceeding papers, reviews publicate in reviste cotate ISI Web of Science

Anul publicării	Luna publicării	Nr. revistei	Revista ISI	ISSN	Nr total autori pe articol	Numele autorilor care sunt membrii pe centru		Titlul articolului	Factorul de impact
						Nr.critt.	Numele autorilor		
2003		vol.10, num.3	Electromotion (IET and INSPEC), , pp.301-305 from The 5 th International Symposium on Advanced Electromechanical Motion Systems, Marrakech, Marocco, 2003		3	1	D.Cazacu, G.Champenois, A.Launay	Combined simulation of a salient pole alternator exciter	
2005		vol.46 nr.3, pp.130-134	„Acta Electrotehnica (REFERATIVNYI ZHURNAL - All-Russian Institute of Scientific and Technical Information (VINITI), DOAJ – Directory of Open Access Journals, Lund University Libraries, Sweden; http://www.doaj.org , Technical University of Cluj-Napoca, Romania, 2005		1	1	D.Cazacu	On the dynamic simulation of the electromechanical systems described by PDEs	
2006		Vol.1,Nov. pp.26-30,	WSEAS Trans.on systems and control (indexata ISI prin INSPEC, IET),	ISSN 1991-8763,2006	4	1	A.Petrisor, C.Marin,N.Bizdoaca, D.Cazacu	Variable causality dynamic system approach for robot control	
2007	Mai	pp.171-176,	the 30 th International Spring Seminar on electronics Technology ISSE 2007, CD, IEEE Catalog Number :07EX1780C, Procc.ISBN:1-4244-1218-8, Library of Congress, 2007924573,1-4244-1218-8/07, Technical University Cluj-Napoca, Romania, pp.171-176, 9-13 Mai, 2007.(IEEE Xplore)	ISBN:1-4244-1218-	3	1	D.Cazacu, S.Ionita, S.Parlac	The evaluation of the PCB's behavior under the mechanical stress	

2008	August, 20-22		The 8th WSEAS Intl. Conference on Systems Theory and Scientific Computation (ISTASC'08), Rhodes Island, Greece, pp.166-171, Procc.ISI)	3	1	D.Cazacu, C.Stanescu, I.Popa	Computation of the reflection coefficient for multilayer radio absorbing materials in $\lambda/4$.
2008	September 11-13		The 1 st WSEAS International Conf. on Finite differences, finite elements, finite volumes, Boundary elements, (f-and-b'08) Malta, pp.117-121, . (Procc.ISI)	2	1	D.Cazacu, C.Stanescu	Finite element models of a transmission line for a plane electromagnetic wave in a shielding material
2008			Proc. of 8 th WSEAS Int. Conf. on Signal Processing, Computational Geometry and Artificial Vision, pag. 187 – 192, ISSN 187-193, ISBN 978-960-6766-95-4	2	1	Eugen Diaconescu, Cristian Dragomirescu	<i>A Simple Corner Orientation Detector</i>
2008			Proc. “Automation & information: Theory and advanced Technology”, pag. 248 -253, ISSN 1790-5117, ISBN 978-960-6766-77-0			Eugen Diaconescu	<i>Prediction of Chaotic Time Series with NARX Recurrent Dynamic Neural Networks</i>
2008			Proc. of 10 th WSEAS Int. Conf. on Mathematical and Computational Methods in Science and Engineering pag. 444-449	3	2	Eugen Diaconescu, Luige Vladareanu, Emilian Lefter	<i>Signal Acquisition for the Analysing and Compensation of the Rotating Shaft Oscillations</i>
2008			Proc. of 10 th WSEAS Int. Conf. on Mathematical and Computational Methods in Science and Engineering pag. 444-449	6	1	Luige Vladareanu, Ion Ion, Eugen Diaconescu, Gabriela Tont, Lucian M. Velea, and Daniel Mitroi	<i>The Hybrid Position and Force Control of Robots with Compliance Function</i>
2008				4	1	M. Jurian, I. Liță, Fl. Enescu Gh. Vișan	A Study for Comparative Evaluation of the Methods for Image Processing Using Texture Characteristics

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.

2009			Balkan Region Conference on Engineering and business education – International Conferince on engineering and business education, vol. I, 15-17 oct. Sibiu	2	1	Gheorghe Săvoiu and Fl. Enescu	Multi disciplinary modelling knowlege as a pragmatic solution in engineering and business education	
2009			Balkan Region Conference on Engineering and business education – International Conferince on engineering and business education, vol. II, 15-17 oct. Sibiu			Fl. Enescu and Gheorghe Săvoiu.	Studies and researches on the interpretation of visual images in educational management	
2009			Balkan Region Conference on Engineering and business education – International Conferince on engineering and business education, vol. I, 15-17 oct. 2009 Sibiu			Fl. Enescu and Gheorghe Săvoiu.	Some results of the practical experiments using new methods of working with images in direct relation to their texture analysis	
2009			Proceedings of the 11th International Conference on MATHEMATICAL METHODS AND COMPUTATIONAL TECHNIQUES IN ELECTRICAL ENGINEERING	1	1	Eugen Diaconescu	<i>A Model of Distributed Control for the Hybrid Transmission System using Multi-Agents</i>	
2009			Procc.the 1 st WSEAS International Conference MEQAPS'2009, pp.23-27, ISBN 978-960-474-121-2, ISSN 1790-2769, Brasov, Romania, .(Procc. ISI	1	1	D.Cazacu	Comparative assessment of the temperature distribution into different cpu heat sink coolers	
2009			Procc.the 1 st WSEAS International Conference MEQAPS'2009, ISBN 978-960-474-121-2, ISSN 1790-2769, Brasov, Romania, 2009.(Procc. ISI)	1	1	D.Cazacu	Experimental and numerical aspects concerning the electromagnetic shielding in the microwaves range (PLENARY LECTURE)	
2009			Procc.the 1 st WSEAS International Conference MEQAPS'2009, pp.34-39, ISBN 978-960-474-121-2, ISSN 1790-2769, Brasov, Romania. (Procc. ISI)	3	3	R.Beloiu, M.Iorgulescu, D.Cazacu	Vibration monitoring for electrical equipment faults detection using fast fourier transform	

2009			IEEE Xplore database, INSPEC Accession Number: 11431583 http://dx.doi.org/10.1109/OPTIM.2010.5510345		4	3	Stoica, C., Melcescu, L., Lefter, E., Constantinescu, L.M.,	COMPUTATION OF THE CHARACTERISTICS EDDY CURRENT ELECTROMAGNETIC BRAKE FOR A BICYCLE, BY THE FINITE ELEMENT METHOD 3D, THE PROCEEDINGS OF OPTIM 2010,2010, PG .436-440, ISSN: 1842-0133
2010	pg .436-440		The Proceedings of OPTIM 2010,2010,EEE Xplore database, INSPEC Accession Number: 11431583	ISSN: 1842-0133	4	3	Stoica, C., Melcescu, L., Lefter, E., Constantinescu, L.M.	Computation of the Characteristics Eddy Current Electromagnetic Brake for a Bicycle, by the Finite Element Method 3D
2010			Indexed IEEE Xplore		3	2	Mariana Iorgulescu, Robert Beloiu, Mihai Octavian Popescu	ROTOR BARS DIAGNOSIS IN SINGLE PHASE INDUCTION MOTOR BASED ON THE VIBRATION AND CURRENT SPECTRUM ANALYSIS", 12 TH INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT, OPTIM 2010, BRASOV , MAY 20-21,2010 ,ROMANIA, ISBN 978-973-131-7018-1

2011			Proceedings of the 15th WSEAS International Conference on Systems, vol. Recent Researches in System Science		2	1	Cristian SPIRLEANU, Eugen DIACONESCU	DISTRIBUTED CONTROL SYSTEM FOR ROBOTIC CELLS AND INTELLIGENT BUILDING AUTOMATION USING AGENTS,	
2011			Amfiteatru Economic Journal - Volume XIII • February 2011 • No. 29, ISSN 1582-9146, is recognized and classified category A - ISI Thomson, IF=3,2		6	1	Gheorghe Săvoiu, Constantin Manea, Victor Iorga – Simăn, Florentina Magda Enescu, Mladen Čudanov, Ondrej Jaško and Ana Jaško	A CORPORATE MODEL OF SIMILITUDE FOR SMES REUNION INTO A CORPORATION, VIEWED FROM THE ANGLE OF PHYSICAL THOUGHT, AND ITS COMPLEX ECONOMIC AND SOCIAL IMPACT	3,2
2012	October	pp.25-30	, the 2012 IEEE 18 th International Symposium for Design and Technology in Electronic Packaging (SIITME 2012), pp.25-30, Print, October 25 th –28 th , Alba Iulia, Romania, 2012.(IEEE Xplore)	ISBN 978-1-4673-4575-0	2	1	D.Cazacu, C.Castravete	EFFICIENCY EVALUATION VIA FINITE ELEMENT METHOD OF 3D MAGNETOSTATIC SHIELDS USING DIFFERENT TYPES OF MAGNETIC POTENTIALS	
2012	iunie-august	nr. 3/2012	Buletinul AGIR BDI: INDEX COPERNICUS INTERNATIONAL	, ISSN-L 1224-7928 Online: ISSN 2247-3548,	3	3	Stoica, C., Constantinescu, L.M., Lefter, Em.	The current induced calculation in claw pole of an alternator by finite element method, http://www.agir.ro/buletine/1403.pdf , pg.327-333	
2012			The Proceedings of OPTIM 2012 will be included in the IEEE Xplore database and indexed by INSPEC				Mariana Iorgulescu, Magdalena Emilia Alexandru, Robert Cristian Beloiu	Noise and vibration monitoring for diagnosis of DC motor's faults	

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.

2013		Vol.5, No.1/2013, , pg. 81-88	ECAI 2013, , IEEEXplore	ISSN-1843-4 2115		1	Nicu Bizon, Mihai Oproescu, Marian Raducu, Luminita Mirela Constantinescu	On the search speed for the extremum seeking control 2D-schemes. Part I – signal processing using orthogonal dither signals		
2013	oct	Vol.5, No.1/2013, pg. 89-96,	(ECAI 2013), ECAI 2013, IEEEXplore	ISSN-1843-4 2115		1	Constantin Stoica, Luminita Mirela Constantinescu, Emilian Lefter, Bogdan Enache	Computation of the Characteristics of a Claw Pole Alternator through the Finite Element Method		
2013	oct	Vol.5, No.1/2013, pg. 89-96	(ECAI 2013), ECAI 2013, , IEEEXplore	ISSN-1843-1 2115,		1	E. Diaconu, H. Andrei, G. Predusca, P. C. Andrei, P.Pencioiu, V. Ursu, M. Hanek, Luminita Mirela Constantinescu,	Modeling the charging characteristics of storage batteries for PV power systems		
2013	oct	Vol.5, No.1/2013, pg. 89-96	ECAI 2013, IEEEXplore	ISSN-1843-4 2115		1	Nicu Bizon, Marian Raducu, Mihai Oproescu, Luminita Mirela Constantinescu	On the search speed for the extremum seeking control 2d- schemes. Part II – performances estimation		
2013	june		The 15th WSEAS International conference on automatic control, modelling and simulation (acmos'13)Brasov, Romania june 1-3, 2013.			1	D.Cazacu	Theoretical and numerical aspects of magnetic shielding at low frequencies, Plenary Speaker		
2014	oct	vol.4, pp.49 – 52, 23	,ECAI 2014 - International Conference – 6th Edition,Electronics, Computers and Artificial Intelligence, October -25 October, 2014, Bucharest, ROMANIA			3	2	C.Stoica, L.Melcescu, D.Cazacu	Numerical Modeling Using 2D FEM for a Low Power DC Brushless Motor	
2014	oct	vol.4, pp.59 – 64	ECAI 2014 - International Conference – 6th Edition,Electronics, Computers and Artificial Intelligence, , 23 October -25 October, 2014, Bucharest, ROMANIA			2	2	D.Cazacu, C.Stoica	Teaching computational aspects on the efficiency of multi layer spherical magneto static shields	

2014	oct	pp. 35-38, Vol. 6 - No. 3/ 2014	<i>IEEEExplore, Proceedings of Int. conf on Electronics, Computers and Artificial Intelligence - ECAI'14, București</i>	ISSN - 1843 - 2115	3	3	Emilian Lefter, Bogdan Enache, L. M. Constantinescu	<i>Modeling Aspects Of An Electric Starter System For An Internal Combustion Engine</i>	
2014	oct	pp. 39- 42, Vol. 6 - No. 3/ 2014	<i>IEEEExplore, Proceedings of Int. conf on Electronics, Computers and Artificial Intelligence - ECAI'14, București</i>	ISSN - 1843 - 2115	3	3	Bogdan-Adrian Enache, L.M. Constantinescu, Emilian Lefter	<i>Aspects Of Simulating The Behavior Of An Internal Combustion Engine For Electric Starter Testing</i>	
2014	oct	pp. 45-48, Vol. 6 - No. 6/ 2014	<i>IEEEExplore, Proceedings of Int. conf on Electronics, Computers and Artificial Intelligence - ECAI'14, București</i>	ISSN - 1843 - 2115	1	1	Hoarcă Ioan Cristian, Marian Răducu, Luminita-Mirela Constantinescu	<i>Energy Efficiency Analysis Of Various Topologies, Control Techniques And Technologies Used For Photovoltaic Part Ii: Maximum Power Point Tracking Algorithms</i>	
2013	mai		The Proceedings of the 9th International Symposium on ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE 2013)	ISBN 978- 1-4673- 5979-5	3	3	Bogdan ENACHE; Emilian LEFTER; Constantin STOICA	Comparative Study for Generic Battery Models Used for Electric Vehicles	
2014	nov		Proceedings of the International Symposium on Fundamentals of Electrical Engineering	ISBN: 978-1- 4799- 6821-3	2	2	Bogdan-Adrian Enache, Eugen Diaconescu	Estimating a battery State of Charge using neural networks	
2014		Vol. 656 (2014) pp 432-441	Applied Mechanics and Materials © (2014) Trans Tech Publications, Switzerland, doi:10.4028/www.scientific.net/AMM.656.4 32, Indexed ISI (ISTP, CPCI, Web of Science) Scopus, Ei, CSA, isinet, etc.		2	2	Eugen DIACONESCU, Florentina Magda ENESCU	A laboratory infrastructure for the evaluation of the use of multi-agent technologies in industrial SCADA systems,	
		Vol. 555 (2014) pp 259-266	Applied Mechanics and Materials, © (2014) Trans Tech Publications, Switzerland, doi:10.4028/www.scientific.net/AMM.555.259				Cristian Spirleanu, Luige Vladareanu, Eugen Diaconescu	An experimental framework for Multi-Agents using RTOS based robotic controllers,	

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.

7.2. Citari în reviste de specialitate cotate ISI (sunt excluse autocitățile)

Numai pentru 2014

Diaconescu, Eugen. "The use of NARX neural networks to predict chaotic time series." <i>WSEAS Transactions on Computer Research</i> 3.3 (2008): 182-191.	Mishra B., Tripathi BK, Babel MS et al. An artificial nneural network-based snow cover predictive modeling in the higher Himalayas, <i>Journal of Mountain Science</i> , 11(4), DOI:10.1007/s11620-014-2985-5, (2014) Springer-Verlag, impact factor 0.763
Diaconescu, Eugen. "The use of NARX neural networks to predict chaotic time series." <i>WSEAS Transactions on Computer Research</i> 3.3 (2008): 182-191.	L. Sheremetov, A. Cosultchi, J. Martínez-Muñoz, A. Gonzalez-Sánchez, M.A. Jiménez-Aquino, Data-driven forecasting of naturally fractured reservoirs based on nonlinear autoregressive neural networks with exogenous input, <i>Journal of Petroleum Science and Engineering</i> Volume 123, November 2014, Pages 106–119, doi:10.1016/j.petrol.2014.07.013 (2014) Elsevier, Impact Factor, 1.096
Diaconescu, Eugen. "The use of NARX neural networks to predict chaotic time series." <i>WSEAS Transactions on Computer Research</i> 3.3 (2008): 182-191.	Anil K. Dhussa, Surinder S. Sambhi, Shashi Kumar, Sandeep Kumar, Surendra Kumar, Nonlinear Autoregressive Exogenous modeling of a large anaerobic digester producing biogas from cattle waste <i>Journal of Bioresource Technology</i> Volume 170, October 2014, Pages 342–349, doi:10.1016/j.biortech.2014.07.078 (2014) Elsevier, Impact Factor: 5.039
Diaconescu, Eugen. "The use of NARX neural networks to predict chaotic time series." <i>WSEAS Transactions on Computer Research</i> 3.3 (2008): 182-191.	Y.-W. Lee, Assessment of the Shock-Absorption Performance of a High Capacity Suspension System by Neural Networks <i>Journal of Mechanics / Volume 30 / Issue 01 / February 2014</i> , pp 39-48 DOI: http://dx.doi.org/10.1017/jmech.2013.66 (About DOI), Copyright © The Society of Theoretical and Applied Mechanics, R.O.C. 2014 ,, Cambridge Journals, Impact Factor*: 0.314
Diaconescu, Eugen. "The use of NARX neural networks to predict chaotic time series." <i>WSEAS Transactions on Computer Research</i> 3.3 (2008): 182-191.	C. Balasubramanyam, M. S. Ajay, K. R. Spandana, Amogh B. Shetty, K. N. Seetharamu, CURVE FITTING FOR COARSE DATA USING ARTIFICIAL NEURAL NETWORK <i>WSEAS Transactions on mathematics</i> , Vol. 13, 2014, ISSN: 2224-2880, WSEAS, indexed SCOPUS, ACM, ISI(ISINET)
Diaconescu, Eugen. "The use of NARX neural networks to predict chaotic time series." <i>WSEAS Transactions on Computer Research</i> 3.3 (2008): 182-191.	Anindya Chakrabarty, Anupam De, Rameshwar Dubey A Flexible Approach Towards Multi-frequency Re-engineering of the Moving Average Convergente Divergente Indicator, <i>Global Journal of Flexible System management</i> (September 2014), 15(3): 219-234, DOI: 10.1007/s40171-014-0068-7, Springer Verlag, indexed in SCOPUS, Google Scholar, EBSCO, CSA Environmental Sciences, OCLC, SCImago, Summon by ProQuest

Diaconescu, Eugen. "The use of NARX neural networks to predict chaotic time series." <i>WSEAS Transactions on Computer Research</i> 3.3 (2008): 182-191.	D. J. Valtteri Wikström, Musical Composition by Regressional Mapping of Physiological Responses to Acoustic Features, Proceedings of the International Conference on New Interfaces for Musical Expression, Pag. 549-552, 2014 14th International Conference on New Interfaces for Musical Expression 30 June - 4 July 2014 Goldsmiths, University of London
Diaconescu, Eugen. "The use of NARX neural networks to predict chaotic time series." <i>WSEAS Transactions on Computer Research</i> 3.3 (2008): 182-191.	M. R. Shafiee-Chafi and H. Gholizade-Narm A NOVEL FUZZY BASED METHOD FOR HEART RATE VARIABILITY PREDICTION, International Journal of engineering, IJE TRANSACTIONS A: Basics Vol. 27, No. 7 (July 2014) 1041-1050 Index SCOPUS, etc.
Diaconescu, Eugen. "The use of NARX neural networks to predict chaotic time series." <i>WSEAS Transactions on Computer Research</i> 3.3 (2008): 182-191.	Abdulkadir, S.J. Teknol. Petronas, Tronoh, Suet-Peng Yong Empirical analysis of parallel-NARX recurrent network for long-term chaotic financial forecasting, Computer and Information Sciences (ICCOINS), 2014 International Conference on , 3-5 June 2014, Page(s):1 – 6, Print ISBN: 978-1-4799-4391-3, INSPEC Accession Number:14502115, DOI:10.1109/ICCOINS.2014.6868354 Publisher:IEEE, IEEEExplore
Diaconescu, Eugen. "The use of NARX neural networks to predict chaotic time series." <i>WSEAS Transactions on Computer Research</i> 3.3 (2008): 182-191.	Saroj Kr. Biswas, Nidul Sinha, Biswajit Purkayastha and Leniency Marbaniang, Weather prediction by recurrent neural network dynamics Int. Journal of Intelligent Engineering Informatics, Vol. 2, Nos. 2/3, 2014, Pages 166-180, DOI: 10.1504/IJIEL.2014.066208, ISSN: 1758-8715 (Print)1758-8723 (Online), Indexed DBLP, ACM, INSPEC, etc.
Diaconescu, Eugen. "The use of NARX neural networks to predict chaotic time series." <i>WSEAS Transactions on Computer Research</i> 3.3 (2008): 182-191.	Yancho Todorov, Margarita Terziyska Modeling of Chaotic Time Series by Interval Type-2 NEO-Fuzzy Neural Network, 24th International Conference on Artificial Neural Networks, Hamburg, Germany, September 15-19, 2014. Proceedings - ICANN 2014, LNCS 8681, pag. 643-650, 2014, , DOI: 10.1007/978-3-319-11179-7 Springer Link 2014, indexed DBLP, etc.
Diaconescu, Eugen. "The use of NARX neural networks to predict chaotic time series." <i>WSEAS Transactions on Computer Research</i> 3.3 (2008): 182-191.	M Shahrisvand, M Akhoondzadeh, <i>Mohammad Ali Sharifi</i> Detection of gravity changes before powerful earthquakes in GRACE satellite observations Annals of Geophysics, Vol 56, Fast Track 1, 2013 , DOI: 10.4401/ag-6612 , - ISSN: 2037-416X, Published by INGV, Istituto Nazionale di Geofisica e Vulcanologia, indexed SJR 0,89
Diaconescu, Eugen. "The use of NARX neural networks to predict chaotic time series." <i>WSEAS Transactions on Computer Research</i> 3.3 (2008): 182-191.	Shivani Varshney, Toran Verma, Half Hourly Electricity Load Prediction using Echo State Network, International Journal of Science and Research (IJSR) , ISSN (Online): 2319-7064 , , Vol. 3, Issue 6, June 2014, www.ijsr.net , Impact Factor (2012): 3.358
Diaconescu, Eugen. "The use of NARX neural networks to predict chaotic time series." <i>WSEAS Transactions on Computer Research</i> 3.3 (2008): 182-191.	Elisaveta Kirilova, Sophia Yankova, Bilyana Ilieva, Natasha Vaklieva-Bancheva, A NEW APPROACH FOR MODELING THE BIOTRANSFORMATION OF CRUDE GLYCEROL BY USING NARX ANN, Journal of Chemical Technology and Metallurgy, 49, 5, 2014, 473-478, Publisher-s: Sofia : University of Chemical Technology and Metallurgy, Bulgaria, indexed SCOPUS
Diaconescu, Eugen. "The use of NARX neural networks to predict chaotic time series." <i>WSEAS Transactions on Computer Research</i> 3.3 (2008): 182-191.	R Fonseca, P Gómez-Gil , Temporal Validated Meta-Learning for Long-Term Forecasting of Chaotic Time Series Using Monte Carlo Cross-Validation Recent Advances on Hybrid Approaches for Designing Intelligent Systems Studies in Computational Intelligence Volume 547, 2014, pp 353-367 , 2014, DOI:10.1007/978-3-319-05170-3_24, Springer International Publishing

Diaconescu, Eugen. "The use of NARX neural networks to predict chaotic time series." <i>WSEAS Transactions on Computer Research</i> 3.3 (2008): 182-191.	Vasanth Ram Rajarathinam , Jeyarani Rajarathinam , Himalaya Gupta Power-Aware Meta Scheduler with Non-linear Workload Prediction for Adaptive Virtual Machine Provisioning, Intelligent Computing Theory , Lecture Notes in Computer Science Volume 8588, 2014, pp 826-837 , DOI:10.1007/978-3-319-09333-8_91, Springer International Publishing
Diaconescu, Eugen. "The use of NARX neural networks to predict chaotic time series." <i>WSEAS Transactions on Computer Research</i> 3.3 (2008): 182-191.	Xingguo Yang , Hongjian Zhang , Hongliang Zhou A Hybrid Methodology for Salinity Time Series Forecasting Based on Wavelet Transform and NARX Neural Networks Arabian Journal for Science and Engineering , October 2014, Volume 39, Issue 10 , pp 6895-6905 , DOI:10.1007/s13369-014-1243-z, Springer Berlin Heidelberg
Diaconescu, Eugen. "The use of NARX neural networks to predict chaotic time series." <i>WSEAS Transactions on Computer Research</i> 3.3 (2008): 182-191.	Fonseca-Delgado, R. , Gomez-Gil, P. , Selecting and combining models with self-organizing maps for long-term forecasting of chaotic time series Proc of International Joint Conference on Neural Networks (IJCNN), 2014 , Beijing, pp. 2616-2623, ISBN: 978-1-4799-6627-1, INSPEC Accession Number:14564108, DOI:10.1109/IJCNN.2014.6889454 Publisher: IEEE, Indexed IEEEExplore
Diaconescu, Eugen. "The use of NARX neural networks to predict chaotic time series." <i>WSEAS Transactions on Computer Research</i> 3.3 (2008): 182-191.	MOHAMMED JAWAD MOHAMMED AND INTAN Z. MAT DARUS Nonlinear System Identification of Vortex Induced Vibration on Pipe Cylinder, Proc. of the 14 th International Conference on Robotics, Control and Manufacturing technology (ROCOM 2014) , pag. 58-65, ISBN: 978-960-474-371-1, Editors: Azami Zaharim, Kamaruzzaman Sopian, D. Subbaram Naidu, Maria Isabel Garcia-Planas, Alexander Zemliak, Kuala Lumpur, Malaysia, April 23-25, 2014, Published by WSEAS Press
Diaconescu, Eugen. "The use of NARX neural networks to predict chaotic time series." <i>WSEAS Transactions on Computer Research</i> 3.3 (2008): 182-191.	Kiakojoori, S. , Khorasani, K. , Dynamic neural networks for jet engine degradation prediction and prognosis, Proc of International Joint Conference on Neural Networks (IJCNN) , 2014, Page(s):2531 - 2538 ,. Print ISBN:978-1-4799-6627-1 , INSPEC Accession Number:14563703 Conference Location: Beijing , DOI:10.1109/IJCNN.2014.6889694 Publisher:IEEE
Diaconescu, Eugen. "The use of NARX neural networks to predict chaotic time series." <i>WSEAS Transactions on Computer Research</i> 3.3 (2008): 182-191.	Jaho Seo, Amir Khajepour, Jan P. Huissoon, Comprehensive Online Control Strategies for Plastic Injection Molding Process, <i>J. Manuf. Sci. Eng.</i> 136(4), 041009 (May 21, 2014) (10 pages) Paper No: MANU-13-1293; doi: 10.1115/1.4027491, Publisher: The American Society of Mechanical Engineers (ASME)
Eugen Diaconescu Diaconescu, Eugen. "The use of NARX neural networks to predict chaotic time series." <i>WSEAS Transactions on Computer Research</i> 3.3 (2008): 182-191.	Д. Сайфеддин , Nonlinear autoregressive neural network with exogenous inputs based solution for local minimum problem of agent tracking using quadrotor (Отслеживание мобильного агента с помощью нелинейной нейросетевой системы с экзогенными входами на базе квадрокоптера), <i>Engineering Journal of Don</i> , ISSN 2073-8633 Nr. 2, 2014, Электронный научный журнал «Инженерный вестник Дона», Номер 2, 2014 г. NCSC HS SFU, http://vak.ed.gov.ru/common/img/uploaded/files/vak/enumeration/2010/per-01-07-2010.doc

Vladareanu, L., Ion, I., Diaconescu, E., Tont, G., Velea, L. M., & Mitroi, D. (2008, November). <i>The hybrid position and force control of robots with compliance function</i> . In Proceedings of the 10th WSEAS international conference on Mathematical and computational methods in science and engineering (pp. 384-389). World Scientific and Engineering Academy and Society (WSEAS).	Alexandru GAL, Hybrid force-position control for manipulators with 4 degrees of freedom, Proceedings of the 15th WSEAS international conference on Systems, "Recent Researches in System Science", Pages 358-363, ISBN: 978-1-61804-023-7, Publisher WSEAS, index ACM, SCOPUS, Proc. ISI, etc.
Eugen Diaconescu Diaconescu, Eugen. "Prediction of chaotic time series with NARX recurrent dynamic neural networks." <i>Proc. 9th WSEAS Int. Conf. Automation Info. World Sci. Eng. Acad. Soc., Bucharest, Romania</i> . 2008.	M.D. Murphy, M.J. O'Mahony, L. Shalloo, P. French, J. Upton Comparison of modelling techniques for milk-production forecasting Journal of Dairy Science Volume 97, Issue 6, June 2014, Pages 3352–3363, doi:10.3168/jds.2013-7451 , Elsevier, Impact Factor: 2.550
Eugen Diaconescu Diaconescu, Eugen, and Cristian Spirileanu. "An identifying and authorizing application using 1-wire® technology." <i>Design and Technology in Electronic Packaging (SIITME), 2010 IEEE 16th International Symposium for</i> . IEEE, 2010.	Sandra N Francis, Amol K Boke, DESIGN AND IMPLEMENTATION OF MONITORING SYSTEM FOR FROZEN FOOD DURING TRANSPORTATION USING 1-WIRE PROTOCOL: A REVIEW INTERNATIONAL JOURNAL OF ADVANCED INFORMATION AND COMMUNICATION TECHNOLOGY (IJAICT) Volume 1, Issue 7, November 2014, Doi:01.0401/ijaict.2014.07.10, ISSN 2348 –9928, Nagpur University, India, www.ijaict.com , Impact factor 0,198
Iorgulescu, M. " Study of three-phase bridge rectifier diagnosis based on output voltage and current analysis", Advanced Topics in Electrical Engineering (ATEE), 2013 8th International Symposium on, 23-25 May 2013, Page(s):1 – 6, Print ISBN:978-1-4673-5979-5, INSPEC Accession Number: 13778512, Conference Location : Bucharest, Digital Object Identifier : 10.1109/ATEE.2013.6563524 IEEE xploreConference Proceeding: ISI Web of Knowledge	Model of PMSG wind turbine in hybrid energy system, J Moravek, P Mastny, (EPE), Proceedings of the 2014 15th ..., 2014 - ieeexplore.ieee.org
Mariana Iorgulescu, Robert Beloiu, Mihai Octavian Popescu , Vibration monitoring for diagnosis of electrical equipment's faults, OPTIM 2010, Brasov , ISBN 978-973-131-7018-1, pag 493-499 ISSN : 1842-0133; Print ISBN: 978-1-4244-7019-8; Digital Object Identifier : 10.1109/OPTIM.2010.5510332; Conference Proceeding: ISI Web of Knowledge	A Motor Rotary Fault Diagnosis System Using Dynamic Structural Neural Network, CL Tseng, SY Wang, SC Lin, JH Chou, Consumer and Control ..., 2014 - ieeexplore.ieee.org
Mariana Iorgulescu, Robert Beloiu, Mihai Octavian Popescu , Vibration monitoring for diagnosis of electrical equipment's faults, OPTIM 2010, Brasov , ISBN 978-973-131-7018-1, pag 493-499 ISSN : 1842-0133; Print ISBN: 978-1-4244-7019-8; Digital Object Identifier : 10.1109/OPTIM.2010.5510332; Conference Proceeding: ISI Web of Knowledge	A Diagnostic System for Speed-Varying Motor Rotary Faults, CL Tseng, SY Wang, SC Lin, JH Chou, Problems in Engineering, 2014 - hindawi.com
Mariana Iorgulescu, Robert Beloiu, Mihai Octavian Popescu , Vibration monitoring for diagnosis of electrical equipment's faults, OPTIM 2010, Brasov , ISBN 978-973-131-7018-1, pag 493-499 ISSN : 1842-0133; Print ISBN: 978-1-4244-7019-8; Digital Object Identifier : 10.1109/OPTIM.2010.5510332; Conference Proceeding: ISI Web of Knowledge	Virtual instrument system based arrangement for monitoring analysis and control of vibrations in rotating machinery, D Ganeshkumar, 2014 - ir.inflibnet.ac.in
Mariana Iorgulescu, Robert Beloiu, Mihai Octavian Popescu , Vibration monitoring for diagnosis of electrical equipment's faults, OPTIM 2010, Brasov , ISBN 978-973-131-7018-1, pag 493-499 ISSN : 1842-0133; Print ISBN: 978-1-4244-7019-8; Digital Object Identifier : 10.1109/OPTIM.2010.5510332; Conference Proceeding: ISI Web of Knowledge	Diagnostic System for Current-Carrying Fault: Modeling, Precaution, and Prediction, Huiyuan Zhang , Li Xu, Published in: Power Delivery, IEEE Transactions on (Volume:29 , Issue: 3)

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.

M.Iorgulescu, R. Beloiu," Vibration and current monitoring for fault's diagnosis of induction motors" ICATE 2008 - 9-th International Conference on Applied and Theoretical Electricity, A0.nnals of the University of Craiova, Electrical Engineering series, No. 32, 2008; ISSN 1842-4805,pag 102-107, Copernicus Indexed	Frequency Spectrum Filtering For Machinery Fault Diagnostics, Galal A. Hassaan, INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH VOLUME 3, ISSUE 8, AUGUST 2014 ISSN 2277-8616 200
M.Iorgulescu, R. Beloiu, D. Cazacu, „Vibration monitoring for electrical equipment faults detection using Fast Fourier Transform” WSEAS International Conferences Brasov 2009, ISSN 1790-2796, ISBN 978-960474-112-2, vol I, pag 34 Conference Proceeding: ISI Web of Knowledge	Rotor Unbalance Detection in Electrical Induction Motors Using Orbital Analysis, JJ Carbajal-Hernández, LP Sánchez-Fernández, Pattern ..., 2014 - Springer
Iorgulescu, M., Alexandru, M., Beloiu, R. " Noise and vibration monitoring for diagnosis of DC motor's faults OPTIM 2012, Brasov ,On page(s): 724 ISSN : 1842-0133; E-ISBN : 978-1-4673-1652-1; Print ISBN: 978-1-4673-1650-7; INSPEC Accession Number: 12849342 Digital Object Identifier : 10.1109/OPTIM.2012.6231919 Conference Proceeding: ISI Web of Knowledge	Virtual instrument system based arrangement for monitoring analysis and control of vibrations in rotating machinery, D Ganeshkumar, 2014 - ir.inflibnet.ac.in
Mariana Iorgulescu, Robert Beloiu, Mihai Octavian Popescu, „Rotor bars diagnosis in single phase induction motor based on the vibration and current spectrum analysis”, 12 th international Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2010, Brasov , May 20-21,2010 ,Romania, ISBN 978-973-131-7018-1, Page(s): 364 - 370 Conference Location : Basov ;ISSN : 1842-0133 ;Print ISBN: 978-1-4244-7019-8 ;INSPEC Accession Number: 11417283 Digital Object Identifier : 10.1109/OPTIM.2010.5510575 Conference Proceeding: ISI Web of Knowledge	Excentricita a přerušené rotorové tyče u asynchronního motoru, M Magic, 2014 - dspace.vutbr.c
Mariana Iorgulescu, Robert Beloiu, Mihai Octavian Popescu, „Rotor bars diagnosis in single phase induction motor based on the vibration and current spectrum analysis”, 12 th international Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2010, Brasov , May 20-21,2010 ,Romania, ISBN 978-973-131-7018-1, Page(s): 364 - 370 Conference Location : Basov ;ISSN : 1842-0133 ;Print ISBN: 978-1-4244-7019-8 ;INSPEC Accession Number: 11417283 Digital Object Identifier : 10.1109/OPTIM.2010.5510575 Conference Proceeding: ISI Web of Knowledge	Analysis and force computations of single-phase permanent-capacitor induction motors using FEM at broken bar conditions, HH Hanafy, TM Abdo, AA Adly, Power Electronics, Machines ..., 2014 - iceeexplore.ieee.org
M.Iorgulescu, R. Beloiu," Vibration and current monitoring for fault's diagnosis of induction motors" ICATE 2008 - 9-th International Conference on Applied and Theoretical Electricity, A0.nnals of the University of Craiova, Electrical Engineering series, No. 32, 2008; ISSN 1842-4805,pag 102-107, Copernicus Indexed	Fault Diagnosis of Windmill by FFT Analyzer, Poonam Bhaskar Sonawane Department of Mechanical Engineering NDMVP'S KBTCOE, Nasik , Maharashtra , India Prof. N.K.Kharate, International Journal of Innovations in Engineering and Technology (IJJET) ISI journal

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.

7.5. Lucrări științifice prezentate la conferințe internaționale

Date Conferință				Nr. Total autori pe lucrare	Autori care SUNT membrii din centru		Titlul lucrării	Conferința *
Anul	Pag.	ISSN	ISBN		Nr. autori	Numele și prenumele autorilor		
2003	pp.179-182			4	1	D.Cazacu, F.Laza, G.Champenois, M.M.Radulescu	Finite element analysis of a small flux-reversal doubly-salient permanent magnet motor	The 6 th International Symposium on electric and magnetic fields Aachen Germany, 6-9 October
2003				2	1	D.Cazacu, G.Champenois	Synchronous generator modelling aspects	the 2 nd International Conference on Metrology and Measurement systems Metsim2003, Bucharest, 30-31 October.
2003				2	2	D.Cazacu, E.Lefter	On the modelling and simulation of a Faraday disk dynamics",	the 2 nd International Conference on Metrology and Measurement systems Metsim2003, Bucharest, 30-31 October.
2004	pp.112-117			2	1	D.Cazacu, F.Laza	On the finite element analysis and control of a new type of permanent-magnet motor	the 7 th International Conference on applied and theoretical electricity ICATE'2004 Baile Herculane Romania, , 14-15 October
2004	paper nr.13			4	3	D.Cazacu, F.Laza, E.Lefter, C.Stoica	Simulink modelling of a inverter-flux reversal doubly salient permanent magnet micromotor system	the 4 th International symposium on advanced topics in electrical engineering 25-26 november 2004 Faculty for electrical engineering Bucharest.Secțiunea 3,.
2004	paper nr.6			2	2	E.Lefter, D.Cazacu	Hybrid drive group	The 4 th International symposium on advanced topics in electrical engineering ATEE'2004, 25-26 november 2004 Faculty for electrical engineering Bucharest Section 4
2004				2	2	D.Cazacu, E.Lefter	Design, control and modelling of a medical edalling device with Faraday disk	the International conference on electronic equipment and artificial intelligence.Applications of informatics in medicine,2-3 july 2004, University of Pitești, Romania.

2005				3	2	E.Lefter,T.Macarie, D.Cazacu	brid drive systems	The 9-th international scientific session NAV-MAR-EDU Electrical engineering section Mircea cel Batrin Academy Constanta, 02-04 june 2005.
2005	pg. 271-276,		ISBN 973-8303-54-0	4	4	E.Lefter,D.Cazacu, L.Constantinescu,C.Stoica	aspects regarding the calibration of the raking torque for a electromagnetic bicycle	The 9-th international scientific session NAV-MAR-EDU, Electrical engineering section, Mircea cel Batrin Academy Constanta, 02-04 june 2005.
2005	pg. 11-14		ISBN 973-718-317-7	3	3	D.Cazacu,E.Lefer, L.Constantinescu	Models and measurement aspects concerning an eddy currents brake for a medical bicycle	the 3 rd International Conference on Metrology and Measurement systems Metsim 2005, September 22-23, Bucharest, 2005.
2005			ISBN 973-690-450-4	3	3	E.Lefter,D.Cazacu, L.Constantinescu	Experimental researches concerning a hybrid stand driving elements characteristics	Proc. at the 9-th International Congress on Automotive, Advanced Powertrain Section, CAR20051160 paper, Pitesti, Romania, 2-4 November 2005.
2005	pg.313-318,		ISBN 973-618-268-5	2	1	Constantinescu, L.M., Voicu, N.	<i>Modelling Electrochemical Processes in the potentiometric Oxygen Sensors, Simpozionul Național de Electrotehnică Teoretică</i>	12-14 mai 2005, București., secț.III, imprimare CD
2006	pg.139-142,		ISBN - 10:973-638-284-2, ISBN-13:978-973-638-284-0, imprimare CD	3	3	Lefter, E., Constantinescu, L.M., Stoica, C.	<i>The functional solution of a minivehicle model for the HEV study in laboratory</i>	MVT 20062023, International Conference Motor Vehicle & Transportation, MVT 2006, 15-17 November 2006 – Timisoara,
2006				5	1	A.Petrișor, D. Cazacu Degeratu, F. Ravigan,D. Coman	About the robot state in local and recent space	The 7-th International Conference on technical informatics CONTI'06, 8-9 June 2006 Timisoara, Romania (selectata pentru publicare in anelele univ Timisoara)
2007	pg.541-545		ISBN 978-973-718-899-1	2	2	LEFTER, Em., Constantinescu, L.M.	Probleme ale utilizării ultracondensatoarelor în domeniul auto	<i>Simpozionul Național de Electrotehnică Teoretică, SNET'07, 12-14 octombrie 2007, București., secțiunea P3</i>

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.

2007	pg.546-549		ISBN 978-973-718-899-1	2	2	LEFTER, Em., Constantinescu, L.M.	Evaluarea stării bateriilor de acumuloare acide	<i>Simpozionul Național de Electrotehnică Teoretică, SNET'07, 12-14 octombrie 2007, București,, secțiunea P3, ,</i>
2007	pg.540-555,		ISBN 978-973-718-899-1	2	2	LEFTER, Em., Constantinescu, L.M.	Stand experimental pentru studiul automobilelor electrice hibride	<i>Simpozionul Național de Electrotehnică Teoretică, SNET'07, 12-14 octombrie 2007, București,, secțiunea P3, imprimare CD,</i>
2007				2	2	Constantinescu, L.M., LEFTER, Em.	Recuperarea energiei la automobile – mijloc pentru reducerea consumului de carburant	<i>Conferința Națională de Surse Noi si Regenerabile de Energie - CNSNRE 2007 - ediția a VIII-a, 1,2,3 noiembrie 2007 Academia Romana, București, imprimare CD</i>
2007				3	1	D.Cazacu,C.Stanescu,A.Petris	On the 2D FEM modeling of the absorption in the human head of the near EMF radiated by mobile phone antenna using Comsol RF module	<i>2nd Int. Conference on electronics,computers and artificial intelligence ECAI'07, 29-30 June,,</i>
2007	Nr.3/2007, pg. 1-6	ISSN-1843-2115				Diaconescu Eugen, Lefter Emilian, Constantinescu L. M., Stoica Constantin, -,	<i>Test bench for optimal functioning points of an internal combustion motor, "HEV automobile"</i>	<i>ECAI 2007 – International Conference – Second Edition, Electronics, Computers and Artificial Intelligence, Invited Session Papers for International Conference ECAI 2007, University of Pitesti, ECAI'07, 29-30 June, Pitesti, ROMANIA</i>
2007	Nr.3/2007, pg.11-15	ISSN-1843-2115		3	3	Lefter Emilian, Constantinescu L. M., Diaconescu Eugen	<i>Energy evaluation of car propulsion used for hybrid electric vehicle design, "HEV automobile"</i>	<i>ECAI 2007 – International Conference – Second Edition, Electronics, Computers and Artificial Intelligence, Invited Session Papers for International Conference ECAI 2007, University of Pitesti, ECAI'07, 29-30 June, Pitesti, ROMANIA</i>

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.

2007	Nr.3/2 007, pg. 7- 10	ISSN- 1843- 2115		3	2	Raducu, M., Lefter, E., Constantinescu, L. M.	Characteristics evaluation of a car battery, "HEV Automobile"	ECAI 2007 – International Conference – Second Edition, Electronics, Computers and Artificial Intelligence, Invited Session Papers for International Conference ECAI 2007, University of Pitesti, ECAI'07, 29-30 June, Pitesti, ROMANIA,
2007	Nr.3/2 007, pg.35- 40	ISSN- 1843- 2115		3	3	STOICA Constantin, LEFTER Emilian, Constantinescu L. M.	Characteristics and wave forms of an auto generator determined with fem method, "HEV Automobile"	Second Edition, Electronics, Computers and Artificial Intelligence, Invited Session Papers for International Conference ECAI 2007, University of Pitesti, ECAI'07, 29-30 June, Pitesti, ROMANIA,
2007		ISBN- 13: 978- 973- 88046- 7-8				Lefter, Em., Diaconescu, E., Constantinescu, L.M. –	Aspects Regarding Projecting a Hybrid Electrical System with Applications in Automotive Traction,	H2 fuel cells millenium convergence 2007, The first european conference on application, integration, control, modelling, testing and intelligent control, and intelligent modelling, of fuel cells and H2 applications and theirs economic / environment consequences, Academia Romana, 2007, september 21-22, Bucharest, Romania,
2008				2	2	D.Cazacu,C.Stanescu	Experimental and numerical aspects concerning the electromagnetic shielding materials	the 4 th International Conference on Technical and Physical Problems of power engineering University of Pitesti,4-6 September, Pitesti Romania

2008	pg. 127-132	ISBN 978-606-510-253-8, 978-606-510-246-0		4	3	Lefter, E., Constantinescu L., Diaconescu, E., Goia, C.	<i>Experimental stand for the study of hybrid and electric vehicles with hybrid energy source</i>	SECOND INTERNATIONAL CONGRESS AUTOMOTIVE, SAFETY AND ENVIRONMENT, SMAT 2008E, 23 - 25 October, 2008 – Craiova, Romania
2009				1	1	D.Cazacu	Modelling and solving scientific and engineering problems with comsol multiphysics Plenary lecture	the 4 th International Conference on Technical and physical Problems of power engineering University of Pitesti, 4-6 September, Pitesti Romania
2009	pg. 117-123	ISSN 1454-8003		3	3	Lefter, E., Constantinescu L., Diaconescu, E.	<i>The laboratory model study of a number of hybrid solutions for vehicle traction, and electric power supply</i>	Simpozionul International de Hidraulică, Pneumatică, Mecanică Fină, Mecatronică – HERVEX 2009, Calimanesti 18-20 noiembrie 2009, Editia a XVII
2009						D.Cazacu	Experimental and numerical aspects concerning the electromagnetic shielding in the microwaves range. Plenary lecture	The 1st Intl. Conference Manufacturing engineering, quality and production systems (meqaps'09) , Transilvania University of Brasov, Romania, September 24-26, 2009
2009				2	1	Gh. Savoiu, Fl. Magda Enescu	Apparently forgotten statistical tools to measure and emphasize the international food criss' amplification	Conference Provocari eco-economice ale secolului XXI, A.I.Cuza Iasi
2009	vol I, pag 34	ISSN 1790-2796	ISBN 978-960474-112-2	3	3	M.Iorgulescu, R. Beloiu, D. Cazacu	Vibration monitoring for electrical equipment faults detection using Fast Fourier Transform	WSEAS International Conferences Brasov 2009

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.

2010	PP.30 0-304			2	1	D.Cazacu, M.Brojboiu	On the analytical and numerical computation of the electrodynamic forces between parallel conductors	The 10 th International conference on applied and theoretical electricity ICATE 2010, University of Craiova, Faculty for electrical engineering, Oct.8-9, 2010, Romania.
2010				3	2	M.Iorgulescu, R. Beloiu, M.O.Popescu, ,	Rotor bars diagnosis in single phase induction motors based on the vibration and current spectrum analysis	IEEE DIGITAL EXPLOREINTERNATIONAL CONFERENCES OPTIM 2010 BRASOV, 10.1109/OPTIM.2010.5510575
2010				3	2	M.Iorgulescu, R. Beloiu, M.O.Popescu	Vibration monitoring for diagnosis of electrical equipment's faults	IEEE Digital ExploreInternational Conferences OPTIM 2010 Brasov, 10.1109/OPTIM.2010.5510332
2010		1842-0133	978-973-131-080-0	4	3	Stoica, C.; Melcescu, L.; Lefter, E.; Constantinescu, L.M.;	Computation of the characteristics eddy current electromagnetic brake for a bicycle, by the finite element method 3d	OPTIM 2010 -12 th 12th International Conference on Optimization of Electrical and Electronic Equipment, Brasov 2010
2011	p.385-391	ISBN 978-3-89958-555-1				D.Cazacu, E.Helerea, D.Sorea, C.Lungoci	Electromagnetic design and active learning	published by KASSEL UNIVERSITY PRESS, , Remote engineering and Virtual Instrumentation, University Transilvania of Brasov, Romania , 28 June – July 1,.
2011								
2011	pg.157-160	1843-2115				Constantinescu, L.M., Lefter, E., Diaconescu, E., Stoica, C.	A study concerning the recovery of kinetic energy, conducted on a hybrid propulsion stand, with applications in the field of automobiles	ECAI 2011, Vol. 4 – No.1-2011, ,
2012		ISSN : 1842-0133E	ISBN : 978-1-4673-1652-1 Print ISBN: 978-1-4673-1650-7 INSPEC	3	3	Iorgulescu, M., Alexandru, M., Beloiu, R.	Noise and vibration monitoring for diagnosis of DC motor's faults	13 th international Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2012, Brasov ,On page(s): 724 Conference Location : Brasov

2012			ISBN: 978-1- 4673- 1809-	2	2	M.Iorgulescu, R. Beloiu	Study of DC motor diagnosis based on the vibration spectrum and current analysis	Applied and Theoretical Electricity (ICATE), 2012 International Conference on Date of Conference: 25-27 Oct. 2012
2013						D.Cazacu	Theoretical and numerical aspects of magnetic shielding at low frequencies Plenary Speaker	The 15th WSEAS International conference on automatic control, modelling & simulation (acmos'13) Brasov, Romania June 1-3, 2013
2013				1	1	R. Beloiu	A practical approach for an introductory control engineering course	Proceedings of the International Conference on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE – ECAI-2013 CFP1327U-ART 978-1-4673-4937-6,
2013			ISSN 2303- 9752 (CD- ROM: ISSN 2303- 9760)	4	1	Nicu Bizon, Mihai Oproescu, Marian Raducu, Luminita Mirela Constantinescu,	<i>On the search speed for the extremum seeking control scheme based on band pass filter. Part I – signal processing in the control loop</i>	<i>9th International Conference on “Technical and Physical Problems of Electrical Engineering” 9-11 September 2013, Isik University & Istanbul Technical University Istanbul, Turkey, Proceedings: ISSN 2309-0545 Islamic DB Proceedings of Int. conf. Technologies and Power Electronics (TPE13), Sept 2013, Istanbul, Turkey. (www.iotpe.com)</i>
2013			ISSN 2309- 0545 <i>Islamic</i>	4	1	Nicu Bizon, Mihai Oproescu, Marian Raducu, Luminita Mirela Constantinescu	<i>On the Search Speed for the Extremum Seeking Control Scheme Based on Band Pass Filter. Part II – performances estimation</i>	<i>9th International Conference on “Technical and Physical Problems of Electrical Engineering” 9-11 September 2013, Isik University & Istanbul Technical University Istanbul, Turkey</i>
2014				3	2	R.Beloiu, I.Bostan, M.Iorgulescu	Internationalization of educational programs through European projects	The 6th International Conference Edu World 2014 “Education Facing Contemporary World Issues”, 7th - 9th November 2014, in press

2014				3	1	I.Bostan, N.Bizon	R.Beloiu,	Learning digital frequency dividers through practical laboratory activities	The 6th International Conference Edu World 2014 "Education Facing Contemporary World Issues", 7th - 9th November 2014, in press
2014				3	1	R.Beloiu, M.Iorgulescu	I.Bostan,	Dynamic electronic model for a DC motor simulation and experimental validation	Proceedings of the International Conference on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE – ECAI-2014 – in press
2014				1	1	R.Beloiu		Dynamic determination of DC motor parameters – simulation and testing	Proceedings of the International Conference on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE – ECAI-2014 – in press

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.

7.6. Articole publicate în reviste tip B+/BDI de către CNCSIS

Anul publicării	Nr. Revistei ISSN	Nr total autori pe articol	Autorii care sunt membri pe centru		Titlul articolului	Denumirea revistei	Denumirea bazei de date BDI acceptate de către CNCSIS	Link-ul la secțiunea revistei din baza selectată
			Nr. autori	Numele și prenumele autorilor				
2004	no.9 ISSN 1453-1119	2	2	D.Cazacu, C.Stoica	Theoretical aspects regarding the solving of the Laplace and Poisson fields using Monte Carlo method	Scientific Bulletin Electronics and computer science series, pag.41-45, , University of Pitesti 2004.		
2004	no.9, ISSN 1453-1119	2	2	D.Cazacu, C.Stoica	Theoretical aspects regarding the solving of the steadystate and quasistationary electric and magnetic field equations using the finite difference method	Scientific Bulletin Electronics and computer science series pp.37-41		
2004	<i>Vol.66, No. 1/2004, pg.73-82, ISSN 1454-2331</i>	2	1	Constantinescu, L. M., Diaconescu, M –,	<i>Electrochemical oxygen diffusion processes in the potentiometric sensors for automotive-type electronic exhaust gases control</i>	<i>University POLITEHNICA of Bucharest, Scientific Bulletin, Series B</i>		
2005	, no.1(25), vol.7	1	1	D.Cazacu	LabVIEW interface for studying linear electric and magnetic circuits.	Virtual instrumentation Review, (RIV), an 7, pp.13-17, Tehnical University of Cluj-Napoca		
	vol.L(LIV), Fasc.6A	4	1	A.Petrișor,N. Bîzdoacă, A. Drighiciu, D.Cazacu	three legs robot – application for modelling and simulation of walking robots control algorithms	Scientific Bulletin , Politehnic Institute, Iasi, published by Tehnical University Asachi Iasi, pp.127-132, Machines design series.		

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.

	vol.9	2	1	D.Cazacu,C.Stanescu	Aspects concerning the computation of the microstrip series parameters.	Annals of the University of Petrosani, Electrical Engineering series, pp16-22, Universitas Publishing House, Romania		
2006	Nr.16/2006, Pitești, pg. 214-217, ISSN 1453-1100	3	3	Stoica, C., Constantinescu, L. M., Cazacu, D.	Comparative analysis of alternators with claw shaped poles and alternators with glasshaped impeller	Buletinul Științific al Universității din Pitești - Seria Autovehicule		
2006	Nr.16/2006, Pitești, pg. 218-222, ISSN 1453-1100	2	2	Stoica, C., Constantinescu, L. M.	Aspects regarding the determination of the losses in law-pole alternator	Buletinul Științific al Universității din Pitești - Seria Autovehicule Rutiere		
2008	pg.151-154, ISSN 1844-6043	3	3	Lefter, Em., Constantinescu, L.M., Stoica, C.	The experimental study of lead acid batteries for an electric hybrid drive stand	Journal of Computer Science and Control Systems		
2008	pg.219-222, ISSN 1844-6043	3	3	Stoica, C., Constantinescu, L.M., Lefter, Em	The influence of geometry pole to the voltage induced of alternator claw-pole	Journal of Computer Science and Control Systems		
2008				D.Cazacu, C.Stanescu	Absorption properties of the radio absorbing materials	Annals of the University of Craiova, Electrical engineering series, ISSN 1842-4805, Nr.32, pp.206-209, 2008		
2011	ISSN 1843-6188	4	1	M.Iordache, M.Dogaru, D.Cazacu, D.Niculae	Dynamic simulation of the synchronous machines	SCIENTIFIC BULLETIN OF ELECTRICAL ENGINEERING FACULTY, NR.1/2011,PP.25-30, VALAHIA UNIVERSITY, TIRGOVISTE, ROMANIA	COPERNICUS MASTER LIST JOURNAL	

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.

2011	ISSN 1843-6188,	2	1	D.Cazacu, C.Stanescu	Performance analysis of a solenoidal electromagnet	SCIENTIFIC BULLETIN OF ELECTRICAL ENGINEERING FACULTY, NR.2/2011,PP.5-10, VALAHIA UNIVERSITY, TIRGOVISTE, ROMANIA	COPERNICUS MASTER LIST JOURNAL	
2012	ISSN 1843-6188,	1	1	D.Cazacu	Factors that influence the magnetostatic shields effectiveness	Scientific bulletin of electrical engineering faculty, nr.1/2012,pp.6-11, Valahia university, Tirgoviste, Romania.	COPERNICUS MASTER LIST JOURNAL)	
2012		4	2	Cristea DUMITRU Eugen DIACONESCU Emilian LEFTER, C. GEORGESCU	<i>Sequential Gearbox Shifting for a Hybrid Vehicle</i>	Scientific Bulletin, Fac. de Mecanică și Automobile "Automotive Series" Year XV, nr. 20, vol. B, 2009		
2012	ISSN 1453-1119, Vol. 2 / 2012 pg.25-32			Lefter, Em., Constantinescu, L. M., Stoica, C., Cruceru, D., , , , Frequency: 2 issues per year, Publisher: Editura Universitatii din Pitesti , Indexed by: 1.	Laboratory models – solutions for the study of the hybrid electrical systems of traction and supply, with applications in cars	UNIVERSITY OF PITESTI SCIENTIFIC BULLETIN, Series: Electronics and Computers Science	Index Copernicus Journal Master List , graded with an ICV = 4.79. 2. Genamics Database . 3. CNCSIS B+ category ,	
2013	(ISSN 0016-0503-0913), 133-143. 20-IJTPE-Issue16-Vol5-No3-Sep2013-pp133-141.pdf	4	1	N. Bizon, M. Oproescu, M. Raducu, L.M. Constantinescu	THE EXTREMUM SEEKING CONTROL BASED ON BAND PASS FILTER FOR THE DITHER SIGNAL PROCESSED IN THE CONTROL LOOP	International Journal on "Technical and Physical Problems of Engineering" (IJTPE), IJTPE		

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.

2013	ISSN 2303-9752 (CD-ROM: ISSN 2303-9760)	4	1	Nicu Bizon, Mihai Oproescu, Marian Raducu, Luminita Mirela Constantinescu	<i>On the Search Speed for the Extremum Seeking Control Scheme Based on Band Pass Filter. Part II – performances estimation</i>	<i>9th International Conference on “Technical and Physical Problems of Electrical Engineering” 9-11 September 2013, Isik University & Istanbul Technical University Istanbul, Turkey, Proceedings: ISSN 2309-0545 Islamic DB Proceedings of Int. conf. Technologies and Power Electronics (TPE13), Sept 2013, Istambul, Turkey. (www.iotpe.com)</i>	
2010	ISSN 2077-3528	1	1	M Iorgulescu	” STUDY RELATION BETWEEN FAULT NOISE IN ELECTRIC MOTOR”	12-IJTPE-Issue5-Vol2-No4-Dec2010-pp69-73.pdf	12-IJTPE-Issue5-Vol2-No4-Dec2010-pp69-73.pdf

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.

7.7. Lucrări publicate în reviste naționale cu ISSN

Anul publicării	Denumire. revista	Nr total autori pe articol	Autorii care sunt membri pe centru		Titlul articolului	ISSN	Link-ul la secțiunea revistei a
			Nr. autori	Numele și prenumele autorilor			
2004	<i>University POLITEHNICA of Bucharest, Scientific Bulletin, Series B, Vol.66, No. 1/2004, pg.73-82,</i>	2	1	Constantinescu, L. M., Diaconescu, M	<i>Electrochemical oxygen diffusion processes in the potentiometric sensors for automotive-type electronic exhaust gases control</i>	<i>ISSN 1454-2331</i>	
2005	University of Pitesti, 1 st INTERNATIONAL CONFERENCE on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE ECAI 2005 1-2 July 2005	5	2	Robert BELOIU, Mariana IORGULESCU, Octavian DUMITRU, Petre COMBEI, Adrinel STANCESCU	Controlling the trajectories for mobile robots with neural networks		
2005	University of Pitești, 1 st INTERNATIONAL CONFERENCE on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE ECAI 2005 1-2 July 2005	2	2	Mariana IORGULESCU, Robert BELOIU	Induction motors faults diagnosis based on neural networks		
2005	University of Pitești, 1 st INTERNATIONAL CONFERENCE on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE ECAI 2005 1-2 July 2005	5	2	Robert BELOIU, Mariana IORGULESCU, Octavian DUMITRU, Petre COMBEI, Adrinel STANCESCU	Electric drive system with dc motor with closed current loop and open speed loop		

2006	University from Pitesti, Department of Electrical Engineering, Pitesti, Romania, 4 th INTERNATIONAL CONFERENCE ON ELECTRIC AND POWER ENGINEERING OCTOBER 12.14, 2006, IAȘI, ROMANIA	4	1	COMBEI PETRE, ROBERT BELOIU, OCTAVIAN DUMITRU, ANDRIAN FILIUȚĂ	ELECTROMAGNETIC PERTURBATION MEASUREMENT OF CONDUCTED EMISSION FROM THE VOLTAGE REGULATOR RELAY		
2008	Second International Congress Automotive, SAFETY AND ENVIRONMENT, SMAT 2008E, 23 - 25 October, 2008 – Craiova, Romania, ISBN 978-606-510-253-8, 978-606-510-246-0, pag.127-132	4	3	Lefter, E., Constantinescu, L.M., Diaconescu, E. Goia C.	Experimental stand for the study of hybrid and electric vehicles with hybrid energy source		
2008	TPE 2008 Pitesti	2	2	M.Iorgulescu, R. Beloiu	The vibration and stator current signature of induction motor		
2008	ICATE 2008 Craiova	2	2	M.Iorgulescu, R. Beloiu	Vibration and current monitoring for fault's diagnosis of induction motors		
2008	IPA București	4	3	Lefter, E., Constantinescu, L.M., Diaconescu, E., Goia, C.	PROGRAMUL CEEX - CONTRBUTII STIINTIFICE IN TRANSPORTURI, UCP AMTRANS- 6-7 nov 2008, IPA București		IPA București
2008	Procc. of the 4 th International Conference on Technical and Physical Problems of power engineering University of Pitesti, pp.150-156, 4-6 September, Pitesti, Romania,	2	1	D.Cazacu,C.Stanescu	Experimental and numerical aspects concerning the electromagnetic shielding materials		International Organization on Technical and Physical Problems of Engineering IOTPE
2008	Volume X, Tom I	2	1	Constantin STOICA, Leonard, MELCESCU	Computation of the characteristics of a claw-pole alternator with no load, by the finite element method		Ovidius University Annals of Mechanical, Industrial and Maritime Engineering
2008	ICPE –ME Bucuresti EEA 56, nr. 3, July - Sept. 2008, p. 27	3	1	C.Stoica, Leonard Melcescu, Ovidiu Craiu	Polar Piece Influence on the Useful and Dispersion Flux in the Claw Pole Alternator		Simpozionul national de masini electrice:ICPE –ME Bucuresti

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.

2008	WSEAS TRANSACTIONS on COMPUTER RESEARCH, Issue 3, Volume 3, March 2008, ISSN 1991-8755, pag. 182-191 Revista indexata SCOPUS	1	1	Eugen Diaconescu	The use of NARX Neural Networks to predict Chaotic Time Series		
2009	3 rd INTERNATIONAL CONFERENCE on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE ECAI 2009, 2nd – 5th July	2	2	Iorgulescu Mariana , Beloiu Robert	VIBRATION MONITORING FOR ELECTRICAL EQUIPMENT FAULT S DETECTION USING FAST FOURIER TRANSFORM		
2009	The laboratory model study of a number of hibrid solutions for vehicle traction, and electric power supply	3	3	Em. Lefter, L.M. Constantinescu, E. Diaconescu	The laboratory model study of a number of hibrid solutions for vehicle traction, and electric power supply		Camera de Comerț și Industrie Vâlcea, Institutul de Cercetări pentru Hidraulică și Pneumatică din București și Universitatea Politehnică București
2009	IEEE Xplore	3	1	D. Cazacu, I.Popa, M.Iordache	Finite Element Numerical Experiments On The Absorption Of The EMF Radiation In 3D Human Head Models		
2009	IEEE Romania	3	1	D.Cazacu, M.Iordache,M.Mocanu	Evaluation of the temperature distribution into a CPU cooler using finite element		The 3rd International Conference ECAI 2009, Electronics, Computers and Artificial Intelligence, pp.92-96, 3-5 July, 2009, Pitești, ROMÂNIA, Number 4/ 2009 , ISSN – 1843 – 2115.
2009		2	1	Octavian POPESCU, Eugen DIACONESCU	<i>E-Laboratory Frameworks for Agent Modeling of Energy Markets</i>		ECAI '09 Int. Conference – 3 rd Edit. 3-5 iulie
2009		3	2	Eugen Diaconescu, Em. Lefter, Oct. Popescu	<i>Modeling of a Hybrid Energy Source as a Multi-Agent System</i>		ECAI '09 Int. Conference – 3 rd Edit. 3-5 iulie

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.

	Culegere de studii juridice, Ed. Sitech Craiova, ISBN 978-606-530-496-3	1	1	Fl. Enescu	Cybercriminalitatea In onorem: George Antoniu		
2010		2	1	Eugen DIACONESCU, Cristian SPARLEANU	An Identifying and Authorizing Application Using 1-Wire® Technology		2010 IEEE 16th International Symposium for Design and Technology in Electronic Packaging (SITME)
2010	IEEEExplore	4	3	C. Stoica, L. Melcescu, E. Lefter, L. M. Constantinescu	Computation of the characteristics eddy current electromagnetic brake for a bicycle, by the finite element method 3D		
2010		2	1	D.Cazacu, M.Brojboiu	On the analytical and numerical computation of the electrodynamic forces between parallel conductors		Procc. of the 10 th International Conference on applied and theoretical electricity ICATE 2010, University of Craiova, Faculty for electrical engineering, pp.300-304, oct.8-9, 2010, Romania
2011	IEEE Xplore	2	2	D.Cazacu, E.Lefter	Theoretical and numerical aspects concerning magneto static shielding		
2011	ECAI-2011	2	2	Mariana Iorgulescu, Robert Beloiu	Noise Monitoring For Fault's Diagnosis of Electrical Machines, Proceedings of the International Conference, on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE		
2011	ECAI-2011	2	2	Robert Beloiu, Mariana Iorgulescu	Set up of Brushless Control Drivers in Hybrid Electric Vehicle, Proceedings of the International Conference, on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE		

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.

2011	CD published by KASSEL UNIVERSITY PRESS, ISBN 978-3-89958-555-1, Remote engineering and Virtual Instrumentation, University Transilvania of Brasov, Romania , 28 June – July 1, p.385-391.	4	1	D.Cazacu, E.Helerea, D.Sorea, C.Lungoci	Electromagnetic design and active learning		International Association of Online Engineering (IAOE)
2011	Proceedings of the International Conference on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE – ECAI	2	2	Mariana Iorgulescu, Robert Beloiu	Noise Monitoring For Fault's Diagnosis of Electrical Machines		
2011	Proceedings of the International Conference on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE			Robert Beloiu, Mariana Iorgulescu	Set up of Brushless Control Drivers in Hybrid Electric Vehicle		
2012	the 18 th IEEE International Symposium for Design and Technology in Electronic Packaging (SIITME), pp.25-30, Print ISBN 978-1-4673-4575-0, October 25 th -28 th , Alba Iulia, Romania, 2012. IEEE Xplore	2	1	D.Cazacu, C.Castravete	Efficiency Evaluation via Finite Element Method of 3D Magnetostatic Shields using Different Types of Magnetic Potentials		
2012	Proc. International Conference on Applied and Theoretical Electricity ISBN: 978-1-4673-1809-9, DOI: 10.1109/ICATE.2012.6403431 , Papers 6.2	2	1	Eugen Diaconescu, Cristian Sparleanu	Communication solution for industrial control applications with multi-agents using OPC servers		
2012	Buletinul AGIR nr. 3/2012 - iunie-august, pdf nr. 1384	3	3	Emilian Lefter, Eugen Diaconescu, Constantin Stoica	Photovoltaic - hydrogen hybrid system - the fuel cell		

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.

2014	ECAI-2014 – in press	1	1	R.Beloiu	Lifelong Educational Programs – Romania case, 1st Workshop on Lifelong Learning Workshop at the International Conference on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE		
------	----------------------	---	---	----------	--	--	--

7.9.2. Carti științifice publicate in edituri naționale recunoscute de către CNCSIS

Anul publicării	Nr total autori pe cartii	Autorii care sunt membri pe centru		Titlul cartii *	Denumirea editurii nationale recunoscute de către CNCSIS **	Nr. pagini
		Numele si prenumele autorilor	Nr autori			
2006	1	Eugen Diaconescu	1	<i>Achiziții de date și instrumentație – fundamente hardware</i>	MatrixRom	312
2008	1	Eugen Diaconescu	1	<i>Inițiere în microcontrolerele PIC16 Microchip</i>	Ed. Univ. din Pitesti	126
2012	4	Ion Preda, E. Diaconescu, D. Cristea	1	<i>Transmisii mecanice cu fricțiune pentru autovehicule</i>	Ed. Univ. din Pitesti	310
2012	1	Eugen Diaconescu	1	<i>Programarea sistemelor concurente și distribuite</i>	Editura Albastra	130
2014		Eugen Diaconescu	1	<i>Automatizari si Instrumentatie</i>	MatrixRom	131
2004		Dumitru Cazacu	1	<i>Camp electromagnetic stationar</i>	Ed. Univ. din Pitesti	
2007	1	Dumitru Cazacu		<i>Electrotehnica</i>	Editura Sitech	
2013	1	Dumitru Cazacu	1	<i>Metode numerice in ingineria electrica</i>	Editura Sitech	
2005	5	O. Dumitru, N. Popa, R. Beloiu, L. Constantinescu, M. Iorgulescu	3	Teste de licenta. Specializarea Electromecanica. Ed. Universitatii din Pitesti	Ed. Univ. din Pitesti	
2012	2	Enache Bogdan, Eugen Diaconescu		Interfete si achizitii de date – Aplicatii in LabVIEW	Ed. Univ. din Pitesti	80
2010	1	Robert Beloiu	1	Actionari Electrice cu Logica Cablata. Pornirea motoarelor asincrone trifazate	Ed. MatrixRom, Bucuresti, 978-973-755-602-8	207

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.

2008	1	Robert Beloiu	1	Actionari Electrice cu motoare asincrone. Scheme cu logica cablata	Ed. MatrixRom, Bucuresti 978-973-755-320-1	134
------	---	---------------	---	--	--	-----

7.9.7. Număr de doctori membri ai colectivului de cercetare *

Numele si prenumele	Anul obținerii titlului	Domeniul de doctorat
1. Conf. dr. ing. Eugen Diaconescu	2002	Inginerie Electronica
2. Prof. dr. ing. Emilian Lefter	1998	Inginerie Electrica
3. Conf. dr. ing. Cazacu Dumitru	2000	Inginerie Electrica
4. Sl. dr. ing. Luminita Constantinescu	2004	Inginerie Electrica
5. Sl. dr. ing. Robert Beloiu	2007	Inginerie Electrica
6. Sl. dr. ing. Constantin Stoica	2009	Inginerie Electrica
7. Sl. dr. ing. Mariana Iorgulescu	2008	Inginerie Electrica
8. Sl. Dr. ing. Florentina Enescu	2008	Inginerie Electronica
9. Sl. dr. ing. Magdalena Alexandru	2009	Inginerie Electrica
10. As. drd. ing. Bogdan Enache	drd	Inginerie Electrica

8. Venituri realizate prin contracte de cercetare

Anul	Denumirea contractului si programului de finanțare	Tipul finanțării (Nationala/ Internaționala)	Nr. contract	Instituția coordonatoare	Nume director proiect	Statutul directorului de proiect *	Directorul de proiect este din alta instituție (DA/NU)	Perioada de derulare	Valoarea contractului intrata in universitatea gazda a centrului in perioada de referinta (pana la 31 dec)**	Valoarea din contracte revine centrului ***	Regia contractului
2004-2006	<i>Cercetări teoretice și experimental-demonstrative privind realizarea unui sistem de acționare hibrid cu aplicații la grupurile motopropulsoare pentru autovehicule</i>	National	Contract 7C26/AMTRANS	IPA Bucuresti	Emilian Lefter	Prof. Dr. Ing. la Univ. din Pitesti Membru al centrului și Coordonator de proiect	NU	2004-2006	79.000	79.000	
2004									19000		
2005									12500		

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.

2006									47500		
2006-2008	<i>Cercetari teoretice si experimentale ale sistemelor de propulsie electrica si hibrida pentru dezvoltarea sistemelor de transport competitive si durabile</i>	National	Contract X2C31/AMTRANS	IPA Bucuresti	Emilian Lefter	Prof. Dr. Ing. la Univ. din Pitesti Membru al centrului și Coordonator de proiect	NU	2006-2008	Total contract (inclusive partenerii) 1.400.600		
2006									134000		
2007									284000		
2008									447000		
2008-2011	<i>Cercetări privind controlul inteligent al unui sistem de propulsie hibrid cu transmisie continuă</i>	National	Contract EXPCVT 72209/1.10.2008	CNMP	Eugen Diaconescu	Conf. dr. ing. la Univ. din Pitesti Membru al centrului și Coordonator de proiect	NU	2008-2011	Total contract (inclusive partenerii) 417716		
2008									0		
2009									50000		
2010									34944		
2011									168348		

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.

2008-2011	<u>Spectroscopia dielectrica – o tehnologie inovativa pentru diagnoza izolatiei echipamentelor energetice.</u>	National	Contract nr. 22100/10.2008 CNMP	CNMP	Dumitru Cazacu	Conf. dr. ing. la Univ. din Pitesti	DA	2008-2011	Total contract (inclusive partenerii) 145500		
2009									18500		
2010									0		
2011									31586		
2014	One Teacher and One Student Working with ProjectX	International	Leonardo da Vinci Transfer of Innovation 2013-1-ES1-LEO05-66485-AN		Beloiu Robert	SI dr la UPIT Membru al centrului și Responsabil de proiect	DA		85500		
	DISCOVER A NEW WORKING FIELD	International	Leonardo da Vinci Partnership LLP-LdV/PAR/2012/RO/125		Beloiu Robert	SI dr la UPIT Membru al centrului și Responsabil de proiect	DA		23625		

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.

*Precizați dacă directorul de proiect este:

- Membru al centrului și Coordonator de proiect
- Membru al centrului și Responsabil de proiect sau persoană de contact

** - Se considera contracte de cercetare științifică derulate de universitate cu valoarea aferentă intrată în universitate

- Toate valorile se exprimă în lei, utilizând rata de schimb la data încheierii contractului

10.1. Laboratoare de cercetare – dezvoltare

Nr. Crt.	Denumirea laboratorului	Domeniul de cercetare	Locația
1	Laborator al CC ELECTROMET	Inginerie Electrica Automatizari industriale si Informatica tehnica	CORP A SALA 014

10.2. Lista echipamentelor performante

Nr. crt.	Echipamentul	An fabr.	Valoarea	Sursa de finanțare a investiției
1	Instrument masura curenti de aer VELOPORT	2004	3888	Contr. Cerc.
2	Analizor calitate energie cu traductor de curent	2005	8400	Contr. Cerc.7026
3	Frana curenti turbionari	2006	4504	Contr. Cerc.CEEX X2C31
4	Analizor gaze Brain Bee	2006	15548	Contr. Cerc.CEEX X2C31
5	Motor tip ACM 2N1200	2006	2550	Contr. Cerc.CEEX X2C31
6	ATV Pioneer 250CC	2006	13705	Contr. Cerc.CEEX X2C31
7	Modul Servoactionare (drive) Tip 631	2006	4633	Contr. Cerc.CEEX X2C31
8	Debitmetru benzina tip CDS-DFL 1 A	2007	15482	Contr. Cerc.CEEX X2C31
9	Aparat indicator pentru CDS-DL	2007	6748	Contr. Cerc.CEEX X2C31
10	Ultracondensator 110 48VCC	2007	7378	Contr. Cerc.CEEX X2C31
11	Echip. de achiz. date NI-USB-6259	2007	6316	Contr. Cerc.CEEX X2C31
12	Tahometru cu laser	2007	5331	Contr. Cerc.CEEX X2C31

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.

13	Analizor spectral	2007	12279	Contr. Cerc.CEEX X2C31
14	Stabilizator impedanta linie pt analizor spectral	2007	4446	Contr. Cerc.CEEX X2C31
15	Generator electric EM501S	2007	18166	Contr. Cerc.CEEX X2C31
16	Fuel cell HYPM HD8	2007	138903	Contr. Cerc.CEEX X2C31
17	Sistema masurare debit hidrogen 250SLPM-D	2008	6640	Contr. Cerc.CEEX X2C31
18	Motor termic 00CMC cutie de viteza cu transmisie continua	2009	15000	Contr. Cerc. 72209
19	Testor CAN EC22071	2009	1800	Contr. Cerc. 72209
20	Interf, achiz. Date NI USB 8473	2009	2744	Contr. Cerc. 72209
21	Testor interfata CANCASE XL V2.0	2010	3400	Contr. Cerc. 72209
22	Software CANALYSER PROV7.2	2010		Contr. Cerc. 72209
23	Proiector BENQ MP12	2008	1810	Contr. Cerc.CEEX X2C31
24	Motor electric cu accesorii pentru controlul vitezei	2011	16688	Contr. Cerc. 72209
25	Controler programabil NI CRIO-9074	2011	22994	Contr. Cerc. 72209
26	Traductor de cuplu 25NM cuplaj mecanic patrat 3/8	2011	9751	Contr. Cerc. 72209

Acest document nu poate fi utilizat, reprodus complet sau parțial, fără acordul Institutului de cercetare – Universitatea din Pitești, reproducerea completă sau parțială a prezentului document va fi sancționată conform legislației în vigoare.