

## Anexa 5.1.

### Lista lucrărilor științifice publicate în reviste de specialitate fără cotație ISI

Nr. crt	An	Autor	Articol	Revistă
1	2006	<b>V. David</b> , R. Ciobanu, A. Salceanu	<i>On the characterization of the electromagnetic field propagation through buildings' walls</i>	Buletinul Institutului Politehnic Iași, Tomul LII (LVI), FASC. 5B, 2006, pg. 820 – 825
2		<b>Oana Neacșu</b> , M.Cretu, A. Salceanu	<i>General aspect on electromagnetic pollution of the enviroment</i>	Bul. Inst. Polit. Iasi, Tomul LII(LVI), Fasc. 5B, ISSN 1223-8139, 2006, Iași, pag. 852-857;
3		<b>David V.</b> , Sălceanu A., Nica I., Cretu M.	<i>An active magnetic field sensor for the electromagnetic environment measurements</i>	2006, Buletinul Institutului Politehnic Iași, Tomul LII (LVI), FASC. 5B, , pp. 991 – 996
4		<b>E. Luncă</b> , A. Sălceanu, <b>V. David</b> , M. Crețu	<i>RF Digital Power Meter</i>	Buletinul Institutului Politehnic Iași, Tomul LII (LVI), Fasc. 5, pp 1031-1036, ISSN 1223-8139, 2006
5		<b>E. Luncă</b> , <b>C. Donciu</b> , A. Sălceanu, <b>V. David</b>	<i>Testing and Monitoring Systems Based on Virtual Instrumentation</i>	Buletinul Institutului Politehnic Iași, Tomul LII (LVI), Fasc. 5, pp 1037-1042, ISSN 1223-8139, 2006
6		A. Sălceanu, <b>E. Luncă</b> , <b>Oana Neacșu</b>	<i>Meeting the Recent Requests Originated by the Incoming Edition of EN 61000-4-2</i>	Buletinul Institutului Politehnic Iași, Tomul LII (LVI), Fasc. 5, pp 1075-1080, ISSN 1223-8139, 2006
7		Sălceanu A., <b>V.David</b> , M.Crețu,	<i>Upon the influence of ESD gun on the repetability of immunity tests</i>	2006, Buletinul Institutului Politehnic Iași, Tomul LII (LVI), Fasc. 5, , pag. 1081-1084, ISSN 1223-8139
8		A. Sălceanu, M. Păuleț, <b>E. Luncă</b>	<i>Statistical Method in Establishing the ESD “Manufacturing Margin”</i>	Buletinul Institutului Politehnic Iași, Tomul LII (LVI), Fasc. 5, pp 1085-1088, ISSN 1223-8139, 2006
9	2008	A. Sălceanu, <b>Oana Neacșu</b> , <b>E. Luncă</b>	<i>Study Upon the Influence of Gun Orientation and Application Point in the Immunity Tests</i>	Buletinul Institutului Politehnic Iași, Tomul LIV (LVIII), Fasc. 3, pp 221-226, ISSN 1223-8139, 2008

10	M.V. Păuleț, <b>Oana Neacșu</b> , L.Toma , M. Crețu	<i>Virtual laboratory</i>	Bul. Inst. Polit. Iasi, Tomul LIV(LVIII), Fasc. 3, ISSN 1223-8139, 2008, Iași pag. 369-374
11	L.Toma, M.V. Păuleț, <b>Oana Neacșu</b>	<i>Virtual filters for multirate signal processing in instrumentation</i>	Bul. Inst. Polit. Iasi, Tomul LIV(LVIII), Fasc. 3, ISSN 1223-8139, 2008, Iași, pag. 375-380;
12	<b>E. Luncă, V. David</b> , A. Sălceanu, <b>Oana Neacșu</b>	<i>Broadband Magnetic Field Meter</i>	Buletinul Institutului Politehnic Iași, Tomul LIV (LVIII), Fasc. 3, pp 387-392, ISSN 1223-8139, 2008
13	<b>Oana Neacșu</b> , L.Toma, S.I. Ursache	<i>Rendering the measurements of the near fields associated with ESD experiments</i>	Bul. Inst. Polit. Iasi, Tomul LIV(LVIII), Fasc. 3, ISSN 1223-8139, 2008, Iași, pag. 393-398;
14	<b>E. Luncă, V. David</b> , S.I. Ursache, M. Crețu	<i>On the EMF Exposure Due to Video Display Units</i>	Buletinul Institutului Politehnic Iași, Tomul LIV (LVIII), Fasc. 3, pp 405-410, ISSN 1223-8139, 2008
15	M. Pislaru, A. Trandabat, R. Burlacu, C. Bratescu, S. Aradoaie, <b>M. Branzila</b>	<i>Internet based distributed methods in support of remote and collaborative design</i>	Buletinul Institutului Politehnic Iași, Tomul LIV (LVIII), Fasc 4, 2008, , pp 635-642, ISSN 1223-8139

## Anexa 5.2

### Lucrari stiintifice prezentate la conferinte internationale cu comitet de program

Nr. crt	An	Autor	Articol	Conferința
2	2006	R.Ciobanu, C.Schreiner, <b>M.Branzilă</b> , Al.Trandabat	<i>Virtual laboratory for higher education purposes, based on remote measurements in the field of environment safety</i>	Proceedings of International Conference on Distance Education ICODE 2006, martie 2006, Muscat, Sultanate of Oman, pg 156-167
2		R.Ciobanu, C.Schreiner, <b>C.Donciu</b> , <b>M.Branzilă</b>	<i>Prototype architecture for a remote and distributed measurements laboratory, for higher education purposes</i>	Proceedings of International Conference on Distance Education ICODE 2006, Mar-06, Muscat, Sultanate of Oman, pag. 173-185
3		<b>V. David</b> , R. Ciobanu, A. Salceanu	<i>The measurement of residential magnetic fields</i>	International Symposium on Electromagnetic Compatibility „EMC EUROPE”, 2006, Barcelona, pg 762-767
4		<b>V. David</b> , R. Ciobanu, M. Cretu	<i>A sensor for low frequency electric and magnetic fields measurement</i>	International Symposium on Electromagnetic Compatibility „EMC EUROPE”2006, Barcelona, pg768-772
5		R.Ciobanu, C.Schreiner, <b>M.Temneanu</b>	<i>Upon the Difference Between the Evolution Versus Frequency of PD and Breakdown Processes, Related to Paper for DC Cables Insulation</i>	XVIII IMEKO World Congress, sep-2006, Rio de Janeiro, Brazilia, CD Proceedings
6		C.Foșalău E.Vremeră <b>M.Temneanu</b> M.Crețu	<i>Using the GMI Effect for Detecting Small Rotational Movements</i>	XVIII IMEKO World Congress 2006, Rio de Janeiro, Brazilia CD Proceedings
7		<b>M.Temneanu</b> , R.Ciobanu, C.Fosalău, M.Crețu	<i>Magnetic Amorphous Nano-Structured Wires Characterisation Using Impedance Spectroscopy</i>	XVIII IMEKO World Congress, 2006 Rio de Janeiro, Brazilia, CD Proceedings

8		<b>M.Branzilă</b> M.D.Pereira <b>C.Donciu</b> M.Cretu	<i>Internet Based Meteorological Center</i>	EPE 2006, Oct-06 Iasi, Romania, 965-970
9		<b>M.C.Branzilă</b> C.Alexandru <b>C.Donciu</b> M.Cretu	<i>Design and Analysis of a proposed Web Electronic Nose (WebE-Nose)</i>	EPE 2006 Iasi, Romania 971-976
10	2007	R.Ciobanu, <b>M.Branzilă</b> , C.Schreiner	<i>A prototype of web-e- nose device to be used in medicine fields</i>	Proceedings of First International Conference on E-Medicine EICEM 1, Mar-07, Cairo,Egipt, pag.135-140
11		C.Schreiner, <b>M.Branzilă</b> , R.Ciobanu	<i>Prototype architecture for a remote and distributed laboratory, for higher education purpose in medicine fields</i>	Proceedings of First International Conference on E-Medicine EICEM 1, Mar-07, Ciro, Egipt, pag. 225-228
12		<b>Marius Branzila</b> , M.D.Pereira, Al. Trandabat, C. Schreiner	<i>Virtual meteorological center</i>	International Conference Remote Engineering and Virtual Instrumentation REV2007, Porto-Portugalia, 25-27 June 2007, ISBN 978-3-89958-278-9
13		C. Schreiner, Al. Trandabat, <b>M. Branzila</b> , R. Ciobanu	<i>Environmental measurement center based on remote instrumentation</i>	Proceedings of the 10th International Conference on Environmental Science and Technology, Kos Island, Greece, ISBN 978-960-7475-40-4, ISSN 1106- 5516, 5-7 September 2007, pp.763-770 (indexat in baza de date SRCosmos Scientific Database <a href="http://www.ath.aegean.gr/srcosmos">http://www.ath.aegean.gr/srcosmos</a>
14		<b>David V.</b> , Sălceanu A.,Vremeră E., Nica I.	<i>Electromagnetic Shielding Properties Evaluation of Buildings Situating near Radio Frequency Transmitters</i>	2007, , First IMEKO TC 19 International Symposium, pag. 23-28, ISBN 978-973-667-263-7; <b>baza de date</b> <a href="http://home.mit.bme.hu/~kollar/IMEKO-procfiles-for-web">http://home.mit.bme.hu/~kollar/IMEKO- procfiles-for-web</a>
15		C.Alexandru <b>M.Branzilă</b> I.Siminiceanu	<i>Automated system for study of the Crystal Violet Mineralization in Water by the Electro- Fenton Method</i>	IMEKO 2007 15th International Symposium on Novelty in Electrical Measurements and Instrumentation and 1st IMEKO TC19 International Symposium on Measurement and Instrumentation for Environmental Monitoring Sep-07, Iasi, Romania, 29-31

16	Constantin Sărmășanu, Emil Vremeră, Lucian Niță, <b>Valeriu David</b>	<i>Virtual instrument for comfort factor measurement</i>	2007, 15-th IMEKO TC 4 International Symposium on Novelties in Electrical Measurements and Instrumentation and 1st IMEKO TC19 International Symposium on Measurement and Instrumentation for Environmental Monitoring; , pag.67-71
17	Liviu Breniuc, Cristian-Gyöző Haba, <b>Valeriu David</b>	<i>Learning System for Evaluation of Temperature and Humidity Sensors</i>	2007, 15-th IMEKO TC 4 International Symposium on Novelties in Electrical Measurements and Instrumentation and 1st IMEKO TC19 International Symposium on Measurement and Instrumentation for Environmental Monitoring,pag 72-77
18	<b>C. Donciu</b> , O. Costea, C. Seliman	<i>Environmental station for meteo measurements</i>	2007, 15-th IMEKO TC 4 International Symposium on Novelties in Electrical Measurements and Instrumentation and 1st IMEKO TC19 International Symposium on Measurement and Instrumentation for Environmental Monitoring, pg.103-107
19	<b>Oana Neacșu</b> , A. Sălceanu, <b>E. Luncă</b> , <b>V. David</b>	<i>Indirect Measurements on the Capacity in the Electrostatic HB Model</i>	15 <sup>th</sup> IMEKO TC 4 International Symposium on Novelties in Electrical Measurements and Instrumentation, Vol. I, pp 38-41, ISBN 978-973-667-261-3, Iași, 2007
20	A. Sălceanu, <b>Oana Neacșu</b> , <b>V. David</b> , <b>E. Luncă</b>	<i>Measurements upon Human Body Capacitance: Theory and Experimental Setup</i>	15 <sup>th</sup> IMEKO TC 4 International Symposium on Novelties in Electrical Measurements and Instrumentation, Vol. I, pp 48-51, ISBN 978-973-667-261-3, Iași, 2007
21	Emil Vremera, <b>Valeriu David</b>	<i>Measurments in the Radiofrequency range on absorbing and shielding matherials</i>	15 <sup>th</sup> IMEKO TC 4 International Symposium on Novelties in Electrical Measurements and Instrumentation, Vol. I, pp64-68
22	<b>David V.</b> , Vremeră E., Sălceanu A., Nica I., Baltag O.	<i>On the Characterization of Electromagnetic Shielding Effectiveness of Materials</i>	2007, 15-th IMEKO TC 4 International Symposium on Novelties in Electrical Measurements and Instrumentation; Vol. I, pag. 73-78, ISBN 978-973-667-262-0; <b>baza de date</b> <a href="http://home.mit.bme.hu/~kollar/IMEKO-procfiles-for-web">http://home.mit.bme.hu/~kollar/IMEKO-procfiles-for-web</a>

23	Radu Damian, Romeo Ciobanu, <b>Marius Branzilă</b> , Marius Olariu	<i>Stability considerations and efficient computing in chiral materials electromagnetic simulations</i>	2007, 15-th IMEKO TC 4 International Symposium on Novelties in Electrical Measurements and Instrumentation; Vol. I, pag.110-114
24	<b>Codrin Donciu, Marinel Temneanu</b> , Alina Samoilă	<i>Automated Video System for Measurement Instruments Test and Calibration</i>	2007, 15-th IMEKO TC 4 International Symposium on Novelties in Electrical Measurements and Instrumentation; Vol. I, pag.166-169
25	<b>E. Luncă, V. David</b> , A. Sălceanu,	<i>Broadband Tri-axis Magnetic Field Measurement System</i>	15 <sup>th</sup> IMEKO TC 4 International Symposium on Novelties in Electrical Measurements and Instrumentation, Vol. I, pp 332-335, ISBN 978-973-667-261-3, Iași, 2007
26	<b>M.Branzilă</b> C.Alexandru Al.Trandabat M.Cretu	<i>A prototype of Web-E-Nose device TO BE used in medicine fields</i>	IMEKO 2007 15th International Symposium on Novelty in Electrical Measurements and Instrumentation Sep-07, Iasi, Romania, 336-338
27	L. Toma, <b>Oana Neacșu</b> , M. Păuleț	<i>ESD Immunity Tests in System Designs</i>	15-th IMEKO TC 4 International Symposium on Novelties in Electrical Measurements and Instrumentation, Vol. II, , ISBN 978-973-667-262-0, 2007, Iași, pag. 518-521;
28	<b>Codrin Donciu, Marinel Temneanu</b> , Alina Samoilă	<i>New Prototype Architecture for Vision Automated Inspection</i>	15-th IMEKO TC 4 International Symposium on Novelties in Electrical Measurements and Instrumentation, Vol. II, pag. 532-536
29	C.Dosoftei, <b>C. Donciu</b> , M. Cretu	<i>Data acquisition system for quasidigital sensors</i>	15-th IMEKO TC 4 International Symposium on Novelties in Electrical Measurements and Instrumentation, Vol. II, pag.592-595
30	L.Nita, C. Dosoftei, <b>C. Donciu</b> , C.Sarmasanu	<i>Informatic system of interactive training for virtual laboratory type applications</i>	15-th IMEKO TC 4 International Symposium on Novelties in Electrical Measurements and Instrumentation, Vol. II, pag.717-720
31	<b>E. Luncă</b> , A. Sălceanu, M. Crețu	<i>Implementing the I<sup>2</sup>C Communication Protocol in LabVIEW</i>	15 <sup>th</sup> IMEKO TC 4 International Symposium on Novelties in Electrical Measurements and Instrumentation, Vol. II, pp 514-517, ISBN 978-973-667-262-0, Iași, 2007

32		M.V. Păuleț, <b>Oana Neacșu</b> , M. Crețu, A. Sălceanu	<i>Distance Learning Using LabVIEW</i>	15-th IMEKO TC 4 International Symposium on Novelties in Electrical Measurements and Instrumentation, Vol. II, , ISBN 978-973-667-262-0, 2007 Iași, pag. 706-709;
33		Cristian-Győző Haba, Liviu Breniuc, <b>Valeriu David</b>	<i>e-Learning System for Temperature and Humidity Sensors and Distributed Measurement</i>	15-th IMEKO TC 4 International Symposium on Novelties in Electrical Measurements and Instrumentation, Vol. II, , ISBN 978-973-667-262-0, 2007 Iași, pag.721-726
34	2008	Ciobanu, R, Schreiner, C, <b>Temneanu, M</b>	<i>Broadband Partial Discharges Technique and Application in the field of cable paper insulation</i>	Proceedings of 2008 international Conference on Condition Monitoring And Diagnosis 1191 – 1194 2007, Beijing, Peoples R. China, Apr 21- 24, 2008
35		Ciobanu, R, Schreiner, C, <b>Temneanu, M</b>	<i>Broadband Partial Discharges Technique and Application in the field of cable paper insulation</i>	Proceedings of 2008 international Conference on Condition Monitoring And Diagnosis 1191 – 1194 2007, Beijing, Peoples R. China, Apr 21- 24, 2008
36		<b>V. David</b> , I. Nica, R. Ciobanu, R. Damian	<i>Shields for Special Buildings Based on Chiral-Honeycomb Structures</i>	EUROEM2008, <b>21-25 July 2008</b> , Lausanne, Switzerland
37		<b>Branzila M.</b> , Schreiner C, Trandabat A., Pislaru M	<i>Intelligent system for monitoring of exhaust gas from hybrid vehicle</i>	Intelligent Systems, 2008. IS '08, 4th International IEEE Conference, Volume 1, Issue , 6-8 Sept. 2008, Varna, Bulgaria, Page(s):5-2 - 5-5, ISBN: 978-1-4244-1739-1
38		<b>David V.</b> , Nica I., Sălceanu A., Baltag O.	<i>The measurement of radiofrequency electromagnetic fields in some special places</i>	16-th IMEKO TC4 International Symposium - Exploring New Frontiers of Instrumentation and Methods for Electrical and Electronic Measurements & 13-th International Workshop on ADC Modelling and Testing, pag.14, sep. 22-24 , 2008 Florence, Italy, A&T (editor), printed in September 2008 by Tipolitografia Contini s.r.l., Sesto Fiorentino, Italy, ISBN 978-88-903149-3-3

39	<b>David V.</b> , Nica I., Ciobanu R., Salceanu A., Baltag O.	<i>The numerical simulations of the electromagnetic shield based on chiral honeycomb slab</i>	16 <sup>th</sup> IMEKO TC4 Symposium Exploring New Frontiers of Instrumentation and Methods for Electrical and Electronic Measurements, Florence, Italy, septembrie 2008
40	S.Ursache, <b>M. Branzila</b> , C. Bratescu, R. Burlacu	<i>FDTD implementations for electromagnetic shields</i>	IMEKO 2008
41	M. Cretu, O.Costea, <b>C.Temneanu</b> , <b>C.Donciu</b>	<i>Vision based Intelligent Semaphoring System</i>	16 <sup>th</sup> IMEKO TC4 Symposium Exploring New Frontiers of Instrumentation and Methods for Electrical and Electronic Measurements, Florence, Italy, septembrie 2008, pp.391-395
42	<b>C.Donciu</b> , <b>M.Temneanu</b> , C. Dosoftei	<i>New multitask prototype architecture for virtual laboratory</i>	16 <sup>th</sup> IMEKO TC4 Symposium Exploring New Frontiers of Instrumentation and Methods for Electrical and Electronic Measurements, Florence, Italy, septembrie 2008, pp. 706-710
43	<b>C.Donciu</b> , O.Costea	<i>3D e-Shade dental color matching intelligent system</i>	16 <sup>th</sup> IMEKO TC4 Symposium Exploring New Frontiers of Instrumentation and Methods for Electrical and Electronic Measurements, Florence, Italia, 2008, pp.873-876
44	<b>E. Luncă</b> , A. Sălceanu, <b>V. David</b> , S. Ursache	<i>EMC Education at Technical University of Iasi. From EMC Fundamentals to Measurements and Standards</i>	Proceedings of the 5 <sup>th</sup> International Seminar on Quality Management in Higher Education, pp 341-344, ISBN 978-973-730-496-4, Tulcea, 2008 (indexată „ISI Web of Knowledge” ISI Proceedings Database, <a href="http://apps.isiknowledge.com">http://apps.isiknowledge.com</a> )
45	A.Salceanu, <b>Oana Neacșu</b> , M.Paulet, L.Toma	<i>On the addition of the laboratory accreditation procedures in the engineering curricula</i>	The 5th International Seminar on the Quality Management in Higher Education”, , ISBN 978-973-730-469, 2008, Tulcea, pag.363-366
46	<b>V. David</b> , I. Nica	<i>Numerical Simulation with a view to analyse the biological effects of electromagnetic</i>	Proceedings of the 5th International Conference on Electrical Power Engineering, Iasi, 2008, pp.245-250
47	Oana Costea, <b>C. Donciu</b> , Alina Samoila	<i>Automated video system instruments test and calibration</i>	Proceedings of the 5th International Conference on Electrical Power Engineering, Iasi, 2008, pp.351-355