

**List of the papers received for the symposium ISEEE 2006,  
as June 15 of 2006**

No	Author(s)	Title of the paper	Type / Status
1.	Dimitrie Alexa <i>Technical University "Gh. Asachi" Iași, Romania</i>	<b>Confirmed</b>	<b>Invited plenary paper</b>
2.	Brayima Dakyo <i>University of Le Havre, France</i>	<b>Confirmed</b>	<b>Invited plenary paper</b>
3.	Herbert Peremans <i>University of Antwerp, Belgium</i>	Interpreting signals from arrays of mechanosensors: inspirations from biology	<b>Invited plenary paper</b>
4.	Daniela Tărniceriu, Valeriu Munteanu, Florin Beldianu <i>Technical University "Gh. Asachi" Iași, Romania</i>	Frequency Content Oriented Modification of Quantization Matrix in DCT – based Compression	Full paper – Received
5.	Lucian Trifina, Valeriu Munteanu, Horia Baltă <i>Technical University "Gh. Asachi" Iași, Romania</i>	Fast Generation of Dividable S-Random Interleavers and Their Performance Analysis	Full paper – Received
6.	Popoviciu Ioan , Vasiliu Paul <i>Naval Academy "Mircea cel Batran" Constantza, Romania</i>	Parallel Algorithm in Linear Programming Problems	Full paper – Received
7.	Paul Vasiliu, Ioan Popoviciu <i>Naval Academy "Mircea cel Batran" Constantza, Romania</i>	An Approach to Multiple Attribute Decision Making	Full paper – Received
8.	Valeriu Munteanu, Daniela Tarniceriu <i>Technical University "Gh. Asachi" Iași, Romania</i>	Optimal Coding for Qualitative Sources on Noiseless Channels	Full paper – Received
9.	Luiza Grigorescu <i>"Dunarea de Jos" University, Galati, Romania</i>	About current-mode oscillators	Full paper – Received
10.	Luiza Grigorescu <i>"Dunarea de Jos" University, Galati, Romania</i>	LC Oscillator with serial resonance	Full paper – Received
11.	Nicu Bizon, Emil Sofron, Răducu Marian, Mihai Oproescu <i>University of Pitesti, Romania</i>	Power Factor Correction using a Mixed Control Technique	Full paper – Received
12.	Emil Sofron, Nicu Bizon, Nicolae Mazilu, Mihai Oproescu <i>University of Pitesti, Romania</i>	Wear Estimation of a Brush with Incorporated Bearing through the Lubricant Pressure Spectrum Analysis	Full paper – Received
13.	Nicolae Mazilu, Mihai Oproescu	Modeling and Control of the	Full paper –

	<i>University of Pitesti, Romania</i>	Lubrication System	Received
14.	Ion Tuțănescu <i>University of Pitesti, Romania</i>	Elliptic Curves Cryptosystems	Full paper – Received
15.	Dumitru Șcheianu, Ion Tuțănescu <i>University of Pitesti, Romania</i>	On Theorem of Final Value	Full paper – Received
16.	D. Alexa, T.Goraș, R. Chiper, I.V. Pletea, A. Alexandrescu, C. Nedelcu, O. Tomoroga <i>Technical University “Gh. Asachi” Iași, Romania</i>	Two – Quadrant Converter Operation Characteristics Having Controllable Semiconductor Devices with Continuous Functionality	Full paper – Received
17.	I.V. Pletea, D. Alexa, A. Serediuc, A. Petrichei, O. Tomoroga <i>Technical University “Gh. Asachi” Iași, Romania</i>	Photovoltaic (PV) - Wind Hybrid Systems With the Help of RNSIC Converter	Full paper – Received
18.	Emil Sofron, Ion Sima, Corina Săvulescu <i>University of Pitesti, Romania</i>	The Functional Identification of Systems using Genetic Algorithms	Full paper – Received
19.	Ion Sima <i>University of Pitesti, Romania</i>	An Efficient Method to Design the Broad-Band Equivalent Antennas	Full paper – Received
20.	Șerban Mereuță <i>Technical University “Gh. Asachi” Iași, Romania</i>	Coding Non-coding DNA Classification Based on a New Conversion from Nucleotides to Binary Form	Full paper – Received
21.	Radu Dogaru <sup>1</sup> , Manfred Glesner <sup>2</sup> , Ronald Tetzlaff <sup>3</sup> 1 - <i>University “Politehnica” of Bucharest, Romania</i> 2 – <i>Technical University of Darmstadt, Germany</i> 3 – <i>Johann Wolfgang Goethe University, Frankfurt/Main, Germany</i>	Cellular Automata Codebooks and their Application for a Compact Image Compression Algorithm	Full paper – Received
22.	Radu Dogaru, Gabriel Nicolae Costache, Octavian Dumitru, Inge Gavat <i>University “Politehnica” of Bucharest, Romania</i>	A Nested Temporal Averaging Feature Extraction Method for Isolated Word Recognition using SVM Classifiers	Full paper – Received
23.	Mihai Gavrițaș, Ovidiu Ivanov <i>Technical University “Gh. Asachi” Iași, Romania</i>	Optimization in Distribution Systems Using Particle Swarm Optimization and Immune Algorithm	Full paper – Received
24.	Silvian Spiridon, F. Op’t Eynde <i>AsicAhead International SRL</i>	OpAmp Power Consumption Driven Design for the low Frequency Part of a Reconfigurable Direct Conversion Multistandard Radio Receiver	Full paper – Received
25.	Viorel Trifa, Călin Mărginean, Liviu Zărnescu <i>Technical University of Cluj-Napoca, Romania</i>	Preliminary Study of the In-Wheel Drive of Electric Bike	Full paper - Received
26.	Radu Rădescu, Vergiliu Șerban <i>University “Politehnica” of Bucharest, Romania</i>	An Application for Network Communication Using an External Modem	Full paper - Received
27.	Radu Rădescu, George Isar	Performance Evaluation of Universal Codes for Compact	Full paper –

	<i>University "Politehnica" of Bucharest, Romania</i>	Representation of Integers	Received
28.	Gheorghe Pușcașu, Bogdan Codreș, Alexandru Codreș <i>"Dunarea de Jos" University, Galati, Romania</i>	Aspects Regarding Qualitative Reasoning used to control of the "Pendulum & Beam" system	Full paper – Received
29.	Viorel Trifa, Călin Mărginean, Claudiu Truță <i>Technical University of Cluj-Napoca, Romania</i>	Aspects Concerning the Design of a Special Reluctant Motor for Direct Electrical Drive of a Bicycle	Full paper – Received
30.	Marian Găiceanu <i>Politecnico di Torino, Torino, Italy</i>	The Quasi-Direct PWM AC-AC Converter for Electrical Drives	Full paper – Received
31.	Vijayan Immanuel, Abhradeep Guha Thakurta, Ashwath Kumar <i>National Institute of Technology Karnataka Surathkal, India</i>	GRASP Approach for the Glass Cutting Problem	Full paper – Received
32.	E. Hnatiuc, A. Pleșca, and B. Hnatiuc <i>Technical University "Gh. Asachi" Iași, Romania</i>	The AC Single-phase Electromagnets' Operating Supplied with Double Rectified Voltage	Full paper – Received
33.	Răzvan Măgureanu, Mihai Priboianu, Valeriu Bostan <i>University "Politehnica" of Bucharest, Romania</i>	Electric Propulsion for Mega-Ships	Full paper – Received
34.	I. Ionescu, M. Ionel, A. G. Husu <i>"Valahia" University of Targoviste, Romania</i>	Actualization of the conventional symbols and graphic signs used in the electrical equipments field, electrical drives, and automatization	Full paper – Received
35.	Ioan Ionescu, Diana Enescu, Marian Bâzoi <i>"Valahia" University of Targoviste, Romania</i>	Considerations Concerning the Name of Some Terms Used in Electrostatics	Full paper – Received
36.	Ioan Ionescu, Valentin Dogaru Ulieru, Diana Enescu <i>"Valahia" University of Targoviste, Romania</i>	Influence of Static Electricity at the Human Body	Full paper – Received
37.	M. Culea, T. Dumitriu, T. Munteanu <i>"Dunarea de Jos" University, Galati, Romania</i>	Wavelet Based Control of Active Power Filters	<i>Full paper –</i>
38.	S. Epure, I. Munteanu, A. I. Bratcu <i>"Dunarea de Jos" University, Galati, Romania</i>	An Experimental Platform for Low Power DC Drives – Application to Sliding Mode Motion Control	<i>Full paper –</i>
39.	Traian Munteanu, Teodor Dumitriu, Mihai Culea, Emil Rosu <i>"Dunarea de Jos" University, Galati, Romania</i>	Positioning Control for an AC servo-drive	<i>Full paper –</i>
40.	Ion Voncila, Nicolae Badea <i>"Dunarea de Jos" University, Galati, Romania</i>	The influence of nonlinear ferromagnetics cores on the distribution of the temperature in the electric three-phased transformers	<i>Full paper –</i>
41.	Crăciun Cristinel <i>"Dunarea de Jos" University, Galati, Romania</i>	Video landmark tracking with mobile robot	<i>Full paper –</i>
42.	Ciprian Vlad, Nicolaos A. Cutululis, Emil Ceanga <i>"Dunarea de Jos" University, Galati, Romania</i>	Dynamic Performances of the Control Structures for the no Storage Wind-Diesel Systems	<i>Full paper –</i>
43.	Dorel Aiordachioaie, Mihai Munteanu <i>"Dunarea de Jos" University, Galati, Romania</i>	Aspects of modelling of electric circuits under object-based-technology	<i>Full paper –</i>

	<i>SC. TCInf SA. Galati</i>		
44.	Dorel Aiordachioaie, Mihai Munteanu <i>“Dunarea de Jos” University, Galati, Romania</i> <i>SC. TCInf SA. Galati</i>	On the symbolic solution in simulation of neutral models	<i>Full paper –</i>
45.	Rustem Popa, Viorel Nicolau, Silviu Epure <i>“Dunarea de Jos” University, Galati, Romania</i>	Evolvable Hardware in Xilinx PLD’s	<i>Full paper –</i>
46.	Mariana Dumitrescu <i>“Dunarea de Jos” University, Galati, Romania</i>	Power Delivery System Modelling and Simulation	<i>Full paper –</i>
47.	Emil Rosu, Mihai Culea, Traian Munteanu, Teodor Dumitriu <i>“Dunarea de Jos” University, Galati, Romania</i>	Indirect Control of Single-Phase Active Power Filters	<i>Full paper –</i>
48.	M. El Mokadem <sup>1</sup> , C. Nichita <sup>1</sup> , B. Dakyo <sup>1</sup> , E. Ceangă <sup>2</sup> <i>1 - University of Le Havre, France</i> <i>2 - “Dunarea de Jos” University, Galati, Romania</i>	Wind Turbine Simulator based on DSP Control Structure for Wind energy conversion study on the isolated site	<i>Full paper –</i>
49.	M. Tîrșu <sup>1</sup> , V. Berzan <sup>1</sup> , V. Rimschi <sup>1</sup> , P. Postolache <sup>2</sup> <i>1 – Institute of Energetics, Moldavian Science Academy, Republic of Moldova</i> <i>2 - University “Politehnica” of Bucharest, Romania</i>	Wave processes in the electrical cable	<i>Full paper –</i>
50.	Elena Sanda	Evaluating of the voltages induced by nearby lightning on overhead distribution lines using STIND algorithm, considering the infinite ground conductivity	<i>Full paper –</i>
51.	Nicolae Badea, Ion Voncilă <i>“Dunarea de Jos” University, Galati, Romania</i>	The influence of non-homogeneous dielectric material in the propagation modes waveguide	<i>Full paper –</i>
52.	Sergiu Ivas, Marcel Oanca <i>“Dunarea de Jos” University, Galati, Romania</i>	The modelling and the numerical simulation of the process of the electromagnetic fretfulness of the liquid steel’s core in the continue fount of the cast slabs	<i>Full paper –</i>
53.	Khairy Fathy, Hyun Woo Lee, Mutsuo Nakaoka <i>Kyungnam University, Masan, Republic of Korea</i>	A Novel Switched Capacitor and Lossless Inductor Quasi-Resonant Snubbers Assisted ZCS-PWM Soft Switching DC-DC Power Converter	<i>Abstract only</i>
54.	Khairy Fathy, Hyun Woo Lee, Mutsuo Nakaoka <i>Kyungnam University, Masan, Republic of Korea</i>	Boost-Half Bridge Single Power Stage PWM DC-DC Converter for Small Scale Fuel Cell Stack	<i>Abstract only</i>
55.	Dan Micu, Denisa Duma, Calin Munteanu, Emil Simion, Laura Cret, Andrei Ceclan <i>Technical University of Cluj-Napoca, Romania</i>	Numerical Procedure for FDM and FDTD Comparison	<i>Abstract only</i>
56.	Denisa Duma, Calin Munteanu, Dan Micu, Emil Simion, Laura Cret, Anca Nicu	Transient Analysis of Electromagnetic Interferences Using the FDTD Method	<i>Abstract only</i>

	<i>Technical University of Cluj-Napoca, Romania</i>		
57.	Ioan Ionescu, Valentin Dogaru <i>“Valahia” University of Targoviste, Romania</i>	Electrostatic Phenomena and Processes Generated by Industrial Risk	Abstract only
58.	Marcel Ionel, Ioan Ionescu, Adela Husu, Florin Stan <i>“Valahia” University of Targoviste, Romania</i>	Modern Automatic Systems of Optimization of Electrical Drivers for Working Machines with Mechanical Branches	Abstract only
59.	Marcel Ionel, Ioan Ionescu, Adela Husu, Florin Stan <i>“Valahia” University of Targoviste, Romania</i>	Posibility of High Degree Harmonics Compensation by Means of the Active Filters	Abstract only

<b>Special Session - CONCERNINGS ABOUT POWER SAVING AND POWER QUALITY</b> Chairman: prof. ph. eng. Petru POSTOLACHE, <i>University “Politehnica” of Bucharest, Romania</i> Co-Chaiman: prof. ph.eng. Toader MUNTEANU, <i>“Dunarea de Jos” University, Galati, Romania</i>			
60.	Iliuta M. <sup>2</sup> , Munteanu T. <sup>1</sup> , Duta E. <sup>2</sup> , Dumitrescu M. <sup>1</sup> , Gulinschi V. <sup>2</sup> , Voncila I. <sup>1</sup> , Federenciuc D. <sup>3</sup> 1 - <i>“Dunarea de Jos” University, Galati, Romania</i> 2 - <i>SISE Muntenia Nord – AISE Galati</i> 3 - <i>FD FEE Muntenia Nord Ploiesti</i>	Proposals for Power Delivery Efficiency Improving	Abstract only
61.	Harabagiu G., Vals V., Cristian C., Paslaru V., Tabacaru V. <i>FD FEE Muntenia Nord – Galati</i>	Medium voltage power delivery for power efficiency improving and power losses reducing	Abstract only
62.	Dumitrescu M. <sup>1</sup> , Gurguiatu G. <sup>1</sup> , Iliuta M. <sup>2</sup> , Munteanu T. <sup>1</sup> 1 - <i>“Dunarea de Jos” University, Galati, Romania</i> 2 - <i>SISE Muntenia Nord – AISE Galati</i>	Comparative studies about the localization and sizing of compensation systems	Abstract only
63.	Munteanu T. <sup>1</sup> , Dumitrescu M. <sup>1</sup> , Iliuta M. <sup>2</sup> , Vals V. <sup>3</sup> , Gurguiatu G. <sup>1</sup> , Vlad C. <sup>1</sup> 1 - <i>“Dunarea de Jos” University, Galati, Romania</i> 2 - <i>SISE Muntenia Nord – AISE Galati</i> 3 - <i>FD FEE Muntenia Nord – Galati</i>	Experimental results about reactive power compensation for a city power delivery network	Abstract only
64.	Iliuta M. <sup>2</sup> , Gulinschi V. <sup>2</sup> , Voncila I. <sup>1</sup> , Gurguiatu G. <sup>1</sup> 1 - <i>“Dunarea de Jos” University, Galati, Romania</i> 2 - <i>SISE Muntenia Nord – AISE Galati</i>	Changing Transformers to improve power utilization and power delivery	Abstract only
65.	Postolache P., Porumb R., Golovanov N., Toader C. <i>University “Politehnica” of Bucharest, Romania</i>	Power Quality Standards Assessment	Abstract only

66.	Pop F., Beu D., <i>Technical University of Cluj-Napoca, Romania</i>	Lighting energy efficiency and saving in residential buildings in Romania	Abstract only
67.	Porumb R., Postolache P., Toader C., Golovanov N. <i>University "Politehnica" of Bucharest, Romania</i>	Modern Issues Regarding Power Grid Unbalance Assessment	Abstract only
68.	Popescu S. <sup>2</sup> , Dogaru-Ulieru V. <sup>1</sup> , Stanciulica A. <sup>2</sup> , Gulinski V. <sup>3</sup> , Iliuță M. <sup>3</sup> <i>1 – "Valahia" University of Targoviste, Romania</i> <i>2 - SISE Muntenia Nord – Ploiesti</i> <i>3 - SISE Muntenia Nord – AISE Galati</i>	Analysis of unbalanced and distorted regimes of cable electrical network	Abstract only
69.	Golovanov, N., Postolache, P., Porumb, R., Toader, C. <i>University "Politehnica" of Bucharest, Romania</i>	Influences of Power Quality Upon Energy Efficiency	Abstract only