CONFERENCE PROGRAM

Friday – October 14, 2011	
09:00 – 11:00	Registration
11:00 – 11:30	Opening ceremony (George Enescu Hall)
11:30 – 12:30	Plenary session I (George Enescu Hall)
12:30 – 13:50	Lunch
14:00 – 15:00	Plenary session II (George Enescu Hall)
15:00 – 15:20	Coffee break
15:30 – 17:10	Regular sessions (FP1-1, FP1-2, FP1-3, FP1-4)
17:10 – 17:25	Coffee break
17:30 – 19:10	Regular sessions (FP2-1, FP2-1, FP2-3)
20:00 -22:00	Welcome party (PALACE Restaurant)
Saturday – October 15, 2011	
08:00 – 09:00	Registration
09:00 – 10:00	Plenary session III (George Enescu Hall)
10:00 – 10:20	Coffee break
10:30 – 12:30	Regular sessions (SaA1-1, SaA1-2, SaA1-3, SaA1-4)
12:30 – 13:50	Lunch
14:00 – 15:00	Plenary session IV (George Enescu Hall)
15:00 – 15:20	Coffee break
15:30 – 17:50	Regular sessions (SaP1-1, SaP1-2, SaP1-3, SaP1-4)
20:00 -23:00	Social Event (PALACE Restaurant)
Sunday – October 16, 2011	
08:00 – 09:00	Registration
9:00 – 11:00	Regular sessions (SuA1-1, SuA1-2, SuA1-3, SuA1-4)
11:00 – 11:20	Coffee break
11:30 – 12:00	Plenary session V; Closing ceremony (George Enescu Hall)
12:00 – 14:00	Lunch

Friday – October 14, 2011, 11:00 – 12:30
Opening ceremony, Plenary session I
George Enescu Hall
Chairpersons: Mihail VOICU, Rogelio LOZANO, Vladimir RĂSVAN, Adrian FILIPESCU, Vasile MANTA

Order	Authors	Title
1	Viorel BARBU	Stabilization of Navier-Stokes equations by oblique boundary feedback controllers

Friday – October 14, 2011, 14:00 – 15:00
Plenary session II
George Enescu Hall
Chairpersons: Costin BĂDICĂ, Florina UNGUREANU

Order	Authors	Title
1	Ioana BANICESCU	Advances Towards a Technology for Robust and Cost-Effective Autonomic Execution of Scientific Applications

Friday – October 14, 2011, 15:30 – 17:10
Session FP1-1: Powertrain Modeling and Control I (Invited session)
George Enescu Hall
Organizers: Robin DE KEYSER, Corneliu LAZĂR
Chairpersons: Bart WYNS, Corneliu LAZĂR

Order	Authors	Paper ID	Title
1	Gregory PINTE, Julian STOEV, Wim SYMENS, Abhishek DUTTA, Yu ZHONG, Bart WYNS, Robin DE KEYSER, Bruno DEPRAETERE, Jan SWEVERS, Matteo GAGLIOLO and Ann NOWÉ	89	Learning strategies for wet clutch control
2	Abhishek DUTTA, Robin DE KEYSER, Yu ZHONG, Bart WYNS, Gregory PINTE and Julian STOEV	141	Robust predictive control of a wet-clutch using evolutionary algorithm optimized engagement profile
3	Matteo GAGLIOLO, Kevin VAN VAERENBERGH, Abdel RODRÍGUEZ, Ann NOWÉ, Stijn GOOSSENS, Gregory PINTE and Wim SYMENS	144	Policy search reinforcement learning for automatic wet clutch engagement

Order	Authors	Paper ID	Title
4	Catalin-Stefan TEODORESCU and Sorin OLARU	25	Issues in Modeling and Control of Electro-Pneumatic EGR Valve Actuator for Automotive Engineering
5	Andreea E. BALAU and Corneliu LAZĂR	91	Predictive control of an electro-hydraulic actuated wet clutch

Friday – October 14, 2011, 15:30 – 17:10
Session FP1-2: Robotics I
Mircea Eliade Hall
Chairpersons: Răzvan SOLEA, Adrian BURLACU

Order	Authors	Paper ID	Title
1	Alexandru Ionut BOTAS and Razvan SOLEA	79	Design and Control of a Biped Robot
2	George Constantin RASCANU and Razvan SOLEA	81	Electric Wheelchair Control for People with Locomotor Disabilities Using Eye Movements
3	Viorel STOIAN, Mircea NITULESCU and Sorin MANOIU-OLARU	84	Hybrid Control for a Hyper-Redundant Robot in a Climbing Task
4	Andreea - Raluca OLTEANU, Ionel - Cristinel SIMION and Nicu - George BIZDOACA	131	On Robotic Emotional Behavior
5	Ionut URZICEANU, Fernando HERRERO-CARRÓN, Juan GONZÁLEZ-GÓMEZ, Mircea NITULESCU, Francisco DE BORJA RODRÍGUEZ and Pablo VARONA	153	Central Pattern Generator Control of a Differential Wheeled Robot

Friday – October 14, 2011, 15:30 – 17:10
Session FP1-3: Discrete Event and Hybrid Systems
Nicolae Iorga Hall
Chairpersons: Manuel SILVA, Virginia Ecaterina OLTEAN

Order	Authors	Paper ID	Title
1	Gabriel Antonio Perez CASTAÑEDA, Nicolae BRINZEI and Jean-Francois AUBRY	15	Influence of supervisory control on the dependability of a hybrid system
2	Przemyslaw IGNACIUK and Andrzej BARTOSZEWICZ	28	Modeling and Control of Continuous-Review Perishable Inventory Systems with Multiple Supply Alternatives
3	Adrian RADASCHIN, Adrian FILIPESCU, Viorel MINZU, Eugenia MINCA and Adriana FILIPESCU Jr.	133	Adaptive disassembly sequence control by using mobile robots and system information

Order	Authors	Paper ID	Title
4	Oleg TARABUTA	147	Use of "Petri Nets System" Concept in Modeling Dynamics with Increased Complexity
5	Timotei ASAFTEI and Mihaela-Hanako MATCOVSCHI	161	On the Boundedness of Timed Continuous Petri Nets
6	F. A. DE ALENCAR MENEZES and Giovanni BARROSO	14	Fusion of Supervisors of Discrete Event Systems Using Coloured Petri Nets

Friday – October 14, 2011, 15:30 – 17:10
Session FP1-4: Control Methodologies and Applications (Poster session)
Constantin Brâncuşi Hall
Chairpersons: Viorel MANZU, Marius KLOETZER

Order	Authors	Paper ID	Title
1	Lala H. RAJAOARISOA, Jean François BALMAT and Nacer K. M'SIRDI	22	Identifiability and identification of a class of hybrid system
2	Maen ATLI, Zied ACHOUR, Alexandre SAVA and Kondo H.ADJALLAH	30	Control law for Timed Marked Graph constrined by Marking Exclusion Constraint Or/And
3	Van Cuong NGUYEN and Gilney DAMM	33	MIMO Conditional Integrator Control for Unmanned Airlaunch
4	Pal-Stefan MURVAY and Ioan SILEA	85	Design and implementation of a reliable gas leak detection system for domestic environments
5	Elena BUNCIU, Emil PETRE and Viorel Adrian STANCIU	88	Interval observer used in state estimation for a class of biodegradable polymers
6	Andreea Maria NEACA and Mitica Iustinian NEACA	114	Modeling and simulation of the heating elements into an electrical oven

Friday – October 14, 2011, 17:30 – 19:10
Session FP2-1: Powertrain Modeling and Control II (Invited session)
George Enescu Hall
Organizers: Robin DE KEYSER, Corneliu LAZĂR
Chairpersons: Radu-Emil PRECUP, Sorin OLARU

Order	Authors	Paper ID	Title
1	Virginia Ecaterina OLTEAN, Radu DOBRESCU, Dan POPESCU, Maximilian NICOLAE and Andreea UDREA	140	Some Aspects Concerning the Oscillations Damping in a Class of Affine Systems – a Driveline Simulation Example

Order	Authors	Paper ID	Title
2	Claudia-Adina DRAGOS, Stefan PREITL, Radu-Emil PRECUP, Emil M. PETRIU, Mircea-Bogdan RADAC and Alexandra-Iulia STINEAN	46	Alternative Control Solutions for Vehicles with Continuously Variable Transmission. A Case Study
3	Constantin - Florin CARUNTU, Doina ONU and Corneliu LAZAR	119	Real-time Simulation of a Vehicle Drivetrain Controlled through CAN using a Robust MPC Strategy
4	Cristina BUDACIU and Corneliu LAZAR	115	The influence of Finite Word Length Representation of the Delta Predictive Controller Design for Automotive Powertrain Systems
5	Cezar BABICI and Alexandru ONEA	77	A Rule-Based Energy Management Strategy for Parallel Hybrid Vehicles with Supercapacitors

Friday – October 14, 2011, 17:30 – 19:10
Session FP2-2: Robotics II
Mircea Eliade Hall
Chairpersons: Dorian COJOCARU, Doru PĂNESCU

Order	Authors	Paper ID	Title
1	Sorin MANOIU-OLARU, Mircea NITULESCU and Viorel STOIAN	82	Hexapod Robot. Mathematical Support for Modeling and Control
2	Narcis GHITA, Marius KLOETZER and Octavian PASTRAVANU	68	Probabilistic car-like robot path planning from temporal logic specifications
3	Sorin MANOIU-OLARU and Mircea NITULESCU	83	Hexapod Robot. Virtual Models for Preliminary Studies
4	Dan PUIU and Florin MOLDOVEANU	102	Real-time Path Planner for Arm Robot Collision Avoidance
5	Sorin DUMITRU, Dorian COJOCARU and Florin MANTA	118	Experiments in Determining the Displacements and Angular Amplitudes of a Hyper-Redundant Robot

Friday – October 14, 2011, 17:30 – 19:10
Session FP2-3: Software I
Nicolae Iorga Hall
Chairpersons: Ioana BĂNICESCU, Lavinia FERARIU

Order	Authors	Paper ID	Title
1	Gabriel VLADUT, Monica MATEESCU, Liana Simona SBIRNA, Sebastian SBIRNA and Anisoara OUBRAHAM	44	Statistical analysis and modeling of the PM_{10} concentration values in Dolj County (Romania) between 2008 and 2010

Order	Authors	Paper ID	Title
2	Roxana STANICA and Emil PETRE	58	Achieve Faster Spanning Tree Convergence
3	Andrei AMARIUTEI and Simona CARAIMAN	127	Parallel Quantum Computer Simulation on the GPU
4	Alexandru ARCHIP and Mitica CRAUS	138	The Fast Itemset Miner: A Detailed Analysis of the Candidate Generation Stages
5	Gabriela VARVARA and Violeta SANDU	142	Implementation and Covering Analysis for The T-way Combinatorial Testing Strategy

Saturday – October 15, 2011, 9:00 – 10:00
Plenary session III
George Enescu Hall
Chairpersons: Dorin ŞENDRESCU, Rogelio LOZANO, Marius KLOETZER

Order	Authors	Title
1	Manuel SILVA	Fluidization and Fluid views of Discrete Event Systems

Saturday – October 15, 2011, 10:30 – 12:30
Session SaA1-1: Control Applications I
George Enescu Hall
Chairpersons: Mohammad Reza JAHED-MOTLAGH, Dumitru POPESCU

Order	Authors	Paper ID	Title
1	Mona FARAJI-NIRI, Mohammad Reza JAHED-MOTLAGH and Houman SADJADIAN	21	Relay Feedback Identification of SOPDT Transfer Functions with NMP Zero
2	Dumitru POPESCU, Madalina MIRCIOIU and Adrian MOISE	97	Numerical Control for Petrochemical Installations
3	Marian BARBU, Viorel MINZU, Daniela CARP and Emil CEANGA	117	Identification and Sensitivity Analysis of a Trickling Biofilter Viewed as a Distributed Parameters System
4	Vlad MURESAN, Mihail ABRUDEAN and Tiberiu COLOSI	137	Modeling and Simulation of the billet's heating process in a furnace with rotary hearth
5	Corneliu BOTAN and Florin OSTAFI	146	Current Controlled Optimal Electrical Drive System
6	Enrique SANTIAGO, Emmanuel WITRANT, Marc GONICHE and Frédéric CLAIRET	149	An Optimal Feedback Approach to Particle Source Identification in Tokamaks

Saturday – October 15, 2011, 10:30 – 12:30
Session SaA1-2: Computational Intelligence
Mircea Eliade Hall
Chairpersons: Adrian FILIPESCU, Letiţia MIREA

Order	Authors	Paper ID	Title
1	Hesham ABDEL-GHAFFAR, Yasser SHOKRY, Ahmed HASSAN, Sherif HAMMAD and Hazem ABBAS	39	Neural Generalized Predictive Controller Stability Analysis
2	Florin LEON, Bogdan AIGNATOAIEI and Andrei LECA	31	A General Evolutionary Optimization Framework for Intelligent Agents
3	Adrian ALEXANDRESCU, Ioan AGAVRILOAEI and Mitica CRAUS	99	A Genetic Algorithm for Mapping Tasks in Heterogeneous Computing Systems
4	Lavinia FERARIU and Bogdan BURLACU	101	Multiobjective Graph Genetic Programming with Encapsulation Applied to Neural System Identification
5	Constantin-Catalin DOSOFTEI and Lucian MASTACAN	126	Optimal Positioning System with Fuzzy Logic Controller
6	Letiţia MIREA	151	Fault DiagnosisUsing Hybrid Wavelet/ Elman Neural Networks

Saturday – October 15, 2011, 10:30 – 12:30
Session SaA1-3: Software Technologies for Intelligent Collaborative Systems
(Invited session)
Nicolae Iorga Hall
Organizers: Costin BĂDICĂ, Mirjana IVANOVIC
Chairpersons: Mihaela OPREA, Costin BĂDICĂ

Order	Authors	Paper ID	Title
1	Miloš SAVIĆ, Mirjana IVANOVIĆ and Miloš RADOVANOVIĆ	1	Connectivity properties of the Apache Ant class collaboration network
2	Carlos PASCAL and Doru PANESCU	7	On Resource Allocation in a Holonic Manufacturing Execution System
3	Costin BADICA and Mihnea SCAFEŞ	41	Experimental Evaluation of Service Negotiation Protocols in Agent Systems
4	Elvira POPESCU and Laurentiu MANAFU	49	Repurposing a Wiki for Collaborative Learning - Pedagogical and Technical View
5	Boban VESIN, Mirjana IVANOVIĆ, Aleksandra KLAŠNJA-MILIĆEVIĆ and Zoran BUDIMAC	51	Rule-based Reasoning for Altering Pattern Navigation in Programming Tutoring System
6	Liviu SANDU, Raluca SBORA, Sorin ILIE and Costin BADICA	52	Scalable Distributed Agent-Based English Auction Server

Saturday – October 15, 2011, 10:30 – 12:30
Session SaA1-4: Robotics (Poster session)
Constantin Brâncuşi Hall
Chiarpersons: Mihaela MATCOVSCHI, Zhen SUN

Order	Authors	Paper ID	Title
1	Morteza GHATEEI, Bahram KARIMI, Ghazanfar SHAHGHOLIAN and Masoud MOSAYEBI	20	Singular perturbation approach to RBNN adaptive control of unknown flexible joint manipulators
2	Sorin Mihai GRIGORESCU, Gigel MACESANU, Tiberiu Teodor COCIAS and Florin MOLDOVEANU	34	On the Real-time Modelling of a Robotic Scene Perception and Estimation System
3	Ioan SUSNEA and Grigore VASILIU	37	On Defining and Following Robot Paths in a RFID Augmented Environment
4	Alexandru Ionut PUSTIANU, Adriana SERBENCU and Daniela Cristina CERNEGA	80	Mobile Robot Control Using Face Recognition Algorithms
5	Bogdan DUMITRASCU, Adrian FILIPESCU, Viorel MINZU and A. FILIPESCU Jr.	111	Backstepping Control of Wheeled Mobile Robots
6	Cristina RESCEANU	116	Control algorithms for multi-legged robots in fault conditions using fuzzy logic

Saturday – October 15, 2011, 14:00 – 15:00
Plenary session IV
George Enescu Hall
Chiarpersons: Florica MOLDOVEANU, Vasile MANTA

Order	Authors	Title
1	Walter KROPATSCH	The Walking Pyramid

Saturday – October 15, 2011, 15:30 – 17:50
Session SaP1-1: Systems and Control Theory
George Enescu Hall
Chiarpersons: Viorel BARBU, Vladimir RASVAN

Order	Authors	Paper ID	Title
1	Eitaku NOBUYAMA, Takahiko AOYAGI and Yasushi KAMI	32	Robust Control Synthesis of Bilinear Systems with Nonlinear Weights by Sum of Squares Optimization
2	Gilney DAMM and Van Cuong NGUYEN	43	MIMO Conditional Integrator Control for a Class of Nonlinear Systems

Order	Authors	Paper ID	Title
3	Zhen SUN and Zhenyu YANG	65	System Identification for Nonlinear FOPDT Model with Input-Dependent Dead-Time
4	Vasile SIMA	76	Recent Developments in SLICOT Library and Related Tools
5	Vladimir RASVAN	150	Forced periodic oscillations and almost linear behavior
6	Dorian FLORESCU, Mihaela MATCOVSCHI and Octavian PASTRAVANU	160	Improving Rohn Approximation for the Real Parts of Interval Matrix Eigenvalues
7	Mihaela-Hanako MATCOVSCHI, Octavian PASTRAVANU and Mihail VOICU	162	On Some Properties of Diagonally Stable Polytopic Systems

Saturday – October 15, 2011, 15:30 – 17:50
Session SaP1-2: Embedded Systems
Mircea Eliade Hall
Chiarpersons: Marius ENĂCHESCU, Petru CAŞCAVAL

Order	Authors	Paper ID	Title
1	Radu DUMA, Petru DOBRA, Mirela DOBRA and Ioan Valentin SITA	109	Low Cost Embedded Solution for BLDC Motor Control
2	Cristina HUZUM and Petru CASCAVAL	48	A Multibackground March Test For All Static Simple Neighborhood Pattern-Sensitive Faults in RAMs
3	Vadim BAITOIU, Alexandru BARLEANU and Andrei STAN	75	Floating-point to fixed-point code conversion with variable trade-off between computational complexity and accuracy loss
4	Andrei STAN, Alexandru VALACHI and Alexandru BARLEANU	113	The design of a run-time monitoring structure for a MPSoC
5	Florin Catalin BRAESCU, Lavinia FERARIU and Andrei FRANCIUC	130	Monitoring CAN Performances in Distributed Embedded Systems
6	Valeriu CODREANU, Lucian PETRICA and Radu HOBINCU	134	Increasing Vector Processor Pipeline Efficiency with a Thread-Interleaved Controller
7	Marius ENACHESCU, George VOICU and Sorin COTOFANA	158	Leakage-enhanced 3D-Stacked NEMFET-based Power Management Architecture for Autonomous Sensors Systems

Saturday – October 15, 2011, 15:30 – 17:50
Session SaP1-3: Computer Graphics
Nicolae Iorga Hall
Chiarpersons: Walter KROPATSCH, Florica MOLDOVEANU

Order	Authors	Paper ID	Title
1	Patrick KÜHTREIBER, Martin KNECHT and Christoph TRAXLER	42	BRDF approximation and estimation for Augmented Reality
2	Karol WAGA, Andrei TABARCEA and Pasi FRÄNTI	59	Context Aware Recommendation of Location-based Data
3	Cristian SMOCHINA, Vasile MANTA and Walter KROPATSCH	74	Sampling step importance in hierarchical semantic segmentation of microscopic images
4	Bogdan APOSTOL and Vasile MANTA	103	Linear diffusion for generating plant distribution in natural environment simulation
5	Marius GAVRILESCU, Vasile MANTA and Eduard GROELLER	105	Gradient-based Classification and Representation of Features from Volume Data
6	Lucian PETRESCU, Anca MORAR, Florica MOLDOVEANU and Victor ASAVEI	106	Real Time Reconstruction of Volumes from Very Large Datasets Using CUDA
7	Paul HERGHELEGIU, Vasile MANTA and Eduard GRÖLLER	123	Needle Stability Maps for Brain Tumor Biopsies

Saturday – October 15, 2011, 15:30 – 17:50
Session SaP1-4: Software Technologies for Intelligent Collaborative Systems
        (Poster session)
Constantin Brâncuşi Hall
Chiarpersons: Elvira POPESCU, Costin BĂDICĂ

Order	Authors	Paper ID	Title
1	Alex MUSCAR and Costin BĂDICĂ	5	Investigating F# as a development tool for distributed multi-agent systems
2	Mihaela OPREA, Elia DRAGOMIR and Madalina CARBUREANU	38	On the Use of Collaborative Intelligence in an Agent-based Environmental Monitoring and Analysis System
3	Ovidiu ARITONI and Viorel NEGRU	60	Multi-Threading System for Human Behavior Simulation based on Constraints Propagation
4	Mihaela COLHON	61	Parallel Treebank From Word-Aligned Bilingual Corpus. Language Engineering for Phrasal Alignments
5	Mirjana IVANOVIC, Dejan MITROVIC, Zoran BUDIMAC and Milan VIDAKOVIC	71	Metadata harvesting learning resources - an agent-oriented approach
6	Lucian LUNCEAN	93	An overview on Interrelated Negotiations

Sunday – October 16, 2011, 9:00 – 11:00
Session SuA1-1: Control Applications II
George Enescu Hall
Chairpersons: Andrzej BARTOSZEWICZ , Dan POPESCU

Order	Authors	Paper ID	Title
1	Jován O. MÉRIDA and Luis T. AGUILAR	64	Nonlinear H∞ Control of Variable Speed Wind Turbines for Power Regulation and Load Reduction
2	Razvan SOLEA and Daniela Cristina CERNEGA	104	Sliding-mode Control of Coordinated Nonholonomic Mobile Manipulators
3	Petros KARAMANAKOS, Georgios PAPAFOTIOU and Stefanos MANIAS	107	Model Predictive Control of the Interleaved DC-DC Boost Converter
4	Florin STINGA and Dan POPESCU	110	Predictive Control of a bioprocess – a hybrid approach
5	Dorin SENDRESCU and Eugen BOBASU	112	Model Predictive Control of a Biotechnological Process
6	Elena CIMPOEŞU, Bogdan CIUBOTARU and Dumitru POPESCU	120	Model Following with Output Feedback for Fault Tolerant Control

Sunday – October 16, 2011, 9:00 – 11:00
Session SuA1-2: Computer Vision
Mircea Eliade Hall
Chairpersons: Zizilia ZAMUDIO-BELTRÁN, Vasile MANTA

Order	Authors	Paper ID	Title
1	Tudor BARBU	16	Automatic Unsupervised Shape Recognition Technique using Moment Invariants
2	Lucian Mihai ITU, Constantin SUCIU, Florin MOLDOVEANU and Adrian POSTELNICU	17	GPU optimized computation of the artificial compressibility method
3	Gigel MACESANU, Sorin Mihai GRIGORESCU and Vasile COMNAC	78	Time-delay Analysis of a Robotic Stereo Active Vision System
4	Zizilia ZAMUDIO, Rogelio LOZANO, Jorge TORRES and Jose-Luis RULLAN-LARA	100	Vision based stabilisation of a quadrotor using nested saturation control approach
5	Adrian BURLACU, Mihai OBADA and Vladimir TIGANAS	124	An Image Based Visual Servoing Scheme for Wheeled Mobile Robots
6	Florin MANTA, Sorin DUMITRU and Dorian COJOCARU	132	Closed loop control for a 3D tentacle robot using artificial vision system

Sunday – October 16, 2011, 9:00 – 11:00
Session SuA1-3: Software II
Nicolae Iorga Hall
Chairpersons: Mitică CRAUS, Karol WAGA

Order	Authors	Paper ID	Title
1	Naim BAJCINCA and Y. KOUHI	50	Decentralized set-valued state estimation and prediction for hybrid systems: A symbolic approach
2	Robert Gabriel LUPU, Radu BOZOMITU, Florina UNGUREANU and Vlad CEHAN	56	Eye Tracking Based Communication System for Patient with Major Neoro-locomotor Disabilites
3	Nicolae BOTEZATU, Vasile MANTA and George VIERIU	70	A Clustering Algorithm for Negotiating Security in Wireless Mesh Networks
4	Ioan AGAVRILOAEI, Adrian ALEXANDRESCU and Mitica CRAUS	96	Improving Web Clustering through a New Modeling for Web Documents
5	Lucian-Florentin BARBULESCU	155	An algorithm designed to determine the optimum number of communication channels in a modular simulator

Sunday – October 16, 2011, 9:00 – 11:00
Session SuA1-4: Information Systems (Poster session)
Constantin Brâncuşi Hall
Chairpersons: Daniela Cristina CERNEGA, Florin LEON

Order	Authors	Paper ID	Title
1	Radu MIRON, Tiberiu LETIA and Mihai HULEA	35	Two Server Topologies for a Distributed Fingerprint-Based Recognition System
2	Alexandru VALACHI, Bogdan-Ioan AIGNATOAIEI and Mihai TIMIS	67	The Comparative Study of Two Analytical Methods for Detection and Elimination of the Static Hazard in Combinational Logic Circuits
3	Salvatore CUOMO, Pasquale DE MICHELE and Marta CHINNICI	72	Parallel Tools and Techniques for Biological Cells Modelling
4	Dan Adrian MARIOR and Constantin CIRCIUMARU	95	Management workflow for consultants in a company
5	Mircea HULEA	135	The mathematical model of a biologically inspired electronic neuron for ease the design of spiking neural networks topology
6	Cristian ROTARIU, Hariton COSTIN, Gladiola ANDRUSEAC, R. CIOBOTARIU and F. ADOCHIEI	148	An Integrated System for Wireless Monitoring of Chronic Patients and Elderly People
7	Hamed YAHOUI, Dorin POPESCU, Jean-Marc THIRIET, Olivier BONNAUD, Tony WARD and Cristian PERRA	157	ELLEIEC Project: Network of Networks in Electrical and Information Engineering - an European Area of Education for New Skills for New Jobs

Sunday – October 16, 2011, 11:30 – 12:00
Plenary session V, Closing ceremony
George Enescu Hall
Chairpersons: Mihail VOICU, Rogelio LOZANO, Vladimir RĂSVAN, Adrian FILIPESCU,
Vasile MANTA

Order	Authors	Title
1	Theodor BORANGIU	IBM Service Oriented Technologies and Management for Smarter Enterprise