



CSCS21: The 21st International Conference on Control Systems and Computer Science

29-31 MAY 2017, Faculty of Automatic Control and Computers, University Politehnica of Bucharest, Romania

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Accepted Papers

Accepted paper

CSCS20-2017: International Conference on Control Systems and Computer Science			ID	Session Title
2	Dan S. Neculescu, Bilal A. Jarrah	Real-time Temperature Control of a One Dimensional Metal Plate	A01	Advanced Control Strategies
28	Rajesh Koduri, Sorin Olaru, Pedro Rodriguez-Ayerbe	Sensitivity of Piecewise Control Laws With Respect to Perturbation of the State-space Partition	A01	Advanced Control Strategies
84	Monica Patrascu, Andreea Ion	Self-adaptation in Genetic Algorithms for Control Engineering: the Case of Time Delay Systems	A01	Advanced Control Strategies
109	Cristian-Bogdan Rusu, Corneliu Lungoci, Daniel Moga, Gloria Cosovici, Nicoleta Stroia	Modelling a Temperature Calibration System for Medical Probes	A01	Advanced Control Strategies
8	Iuliana Marin, Naseer Abdulkarim Jaber Al-Habeeb, Nicolae Goga, Andrei Vasileteanu, Ionel-Bujorel Pavaloiu, Costin-Anton Boiangiu	Improved M-Government based on Mobile WiMAX	A02	Systems and Signals, Adaptive Control
25	Lavinus Ioan Gliga, Houcine Chafouk, Dumitru Popescu, Ciprian Lupu	Fault Detection and Identification for Fire and Explosion Detection	A02	Systems and Signals, Adaptive Control
42	Stefan-Cristian Nechita, Codrin Alexandru Lupascu, Octavian Pastravanu	On Spectrum Location of Discrete-Time Systems with Polytopic Uncertainties	A02	Systems and Signals, Adaptive Control
174	Janetta Culita, Dan Stefanoiu	Multi-Model Identification of Pumping System in ASTANK2 Plant	A02	Systems and Signals, Adaptive Control
10	Mihnea Rosu-Hamzescu, Sergiu Oprea, Cristina Polonschii, Eugen Gheorghiu, Mihaela Gheorghiu	High Performance Low Cost Impedance Spectrometer for Biosensing	A03	Bio-technologies
90	Paul Tucan, Florin Craciun, Corina Radu, Calin Vaida, Nicolae Crisan, Bogdan Gherman, Doina Pisla	Development of a Control System for an Innovative Parallel Robot Used in Prostate Biopsy	A03	Bio-technologies
99	Eugen Iancu, Emil Petre	Control Strategy Based on Sensitivity Analysis. Application for Anaerobic Digestion Bioprocess	A03	Bio-technologies
34	Adrian Korodi, Teodor Huple, Ioan Silea, Octavian Stefan	IGSS Higher-Level SCADA Optimal Resource Allocation to Integrate Water and Waste Water Pumping Stations	A04	Intelligent Manufacturing
82	Iulia Clitan, Vlad Muresan,	Automatic Determination of Optimal Length	A04	Intelligent Manufacturing

Conference Program

International Conference on Control Systems and Computer Science - CSCS21
29-31 May 2017

Monday 29 May 2017	Tuesday 30 May 2017	Wednesday 31 May 2017
08:00 Opening Ceremony (9:00) & Registration	08:00 Registration	08:00 Reg
09:00 1st Parallel Session	09:00 2nd Parallel Session	09:00 3rd Parallel Session
10:00 Coffee Break	10:00 Coffee Break	10:00 Coffee Break
11:00 1st Parallel Session	11:00 2nd Parallel Session	11:00 3rd Parallel Session
12:00 Lunch	12:00 Lunch	12:00 Lunch
13:00 2nd Parallel Session	13:00 3rd Parallel Session	13:00 4th Parallel Session
14:00 Coffee Break	14:00 Coffee Break	14:00 Coffee Break
15:00 3rd Parallel Session	15:00 4th Parallel Session	15:00 5th Parallel Session
16:00 4th Parallel Session	16:00 5th Parallel Session	16:00 6th Parallel Session
17:00 5th Parallel Session	17:00 6th Parallel Session	17:00 7th Parallel Session
18:00 6th Parallel Session	18:00 7th Parallel Session	18:00 8th Parallel Session
19:00 7th Parallel Session	19:00 8th Parallel Session	19:00 9th Parallel Session
20:00 8th Parallel Session	20:00 9th Parallel Session	20:00 10th Parallel Session
21:00 9th Parallel Session	21:00 10th Parallel Session	21:00 11th Parallel Session
22:00 10th Parallel Session	22:00 11th Parallel Session	22:00 12th Parallel Session
23:00 11th Parallel Session	23:00 12th Parallel Session	23:00 13th Parallel Session
24:00 12th Parallel Session	24:00 13th Parallel Session	24:00 14th Parallel Session
25:00 13th Parallel Session	25:00 14th Parallel Session	25:00 15th Parallel Session
26:00 14th Parallel Session	26:00 15th Parallel Session	26:00 16th Parallel Session
27:00 15th Parallel Session	27:00 16th Parallel Session	27:00 17th Parallel Session
28:00 16th Parallel Session	28:00 17th Parallel Session	28:00 18th Parallel Session
29:00 17th Parallel Session	29:00 18th Parallel Session	29:00 19th Parallel Session
30:00 18th Parallel Session	30:00 19th Parallel Session	30:00 20th Parallel Session
31:00 19th Parallel Session	31:00 20th Parallel Session	31:00 21st Parallel Session
08:00 20th Parallel Session	08:00 21st Parallel Session	08:00 22nd Parallel Session
09:00 21st Parallel Session	09:00 22nd Parallel Session	09:00 23rd Parallel Session
10:00 22nd Parallel Session	10:00 23rd Parallel Session	10:00 24th Parallel Session
11:00 23rd Parallel Session	11:00 24th Parallel Session	11:00 25th Parallel Session
12:00 24th Parallel Session	12:00 25th Parallel Session	12:00 26th Parallel Session
13:00 25th Parallel Session	13:00 26th Parallel Session	13:00 27th Parallel Session
14:00 26th Parallel Session	14:00 27th Parallel Session	14:00 28th Parallel Session
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16:00 28th Parallel Session	16:00 29th Parallel Session	16:00 30th Parallel Session
17:00 29th Parallel Session	17:00 30th Parallel Session	17:00 31st Parallel Session
18:00 30th Parallel Session	18:00 31st Parallel Session	18:00 32nd Parallel Session
19:00 31st Parallel Session	19:00 32nd Parallel Session	19:00 33rd Parallel Session
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22:00 34th Parallel Session	22:00 35th Parallel Session	22:00 36th Parallel Session
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RDA is building the social and tech bridges that enable open sharing data to achieve its vision of research and innovators openly sharing data across technologies, disciplines, and countries to address the grand challenges of society. [Read more.](#) Date and time: 30.05.2017, 09:00-13:00



Important dates

- Extended Deadline: February 2017
- Author Notification: March 5,
- Author Registration: April 2, 21
- Camera Ready for CPS: April 2
- Conference: May 29-31, 2017

Submit your paper



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	Mihail Abrudean and Diana Sas	of Casting Steel Blocks in the Context of an Imprecise Manufacturing		
106	Dumitru-Cristian Trancă, Daniel Rosner, Alexandru-Viorel Pălăcean	Autonomous Flexible Low Power Industrial IoT Controller for Solar Panels Cleaning Systems	A04	Intelligent Manufacturing
37	Ancuta-Petronela Barzu, Mihai Carabas, Nicolae Țăpuș	Scalability of a Web Server	C01	Cloud and Grid Computing
45	Constanta Zoie Radulescu	Cloud Providers' Services Evaluation Using Triangular Fuzzy Numbers	C01	Cloud and Grid Computing
88	Huijun Dai, Zhaosheng Dai, Xiaolin Gui, Min Zhu, Kuncai Zhong, ShuMing liu	RT_Vivaldi: A Symmetric & Equality RTT Prediction Algorithm in Networks	C01	Cloud and Grid Computing
100	George-Valentin Iordache, Florin Pop, Christian Esposito, Aniello Castiglione	Selection-based Scheduling Algorithms under Service Level Agreement Constraints	C01	Cloud and Grid Computing
12	Ionut-Catalin Draghici, Monica Nastasia Mihailescu, Laurentiu Ilie Guta, Andrei Vasileanu, Bujor Pavaloiu, Iuliana Bocicor, Arthur Molnar, Nicolae Goga	A Quantitative Research to Decide the User Requirements for the i-Light System	C02	Mobile and Pervasive Computing
118	Cristian Cocioabă, Dan Tudose	Environmental Monitoring Using Heterogeneous Wi-Fi and IEEE 802.15.4 Networks	C02	Mobile and Pervasive Computing
124	Darius-Andrei Suciu, Radu Sion	Droidsentry: Efficient Code Integrity and Control Flow Verification on Trustzone Devices	C02	Mobile and Pervasive Computing
152	Ioana Radoi, Gabriel Gutu, Traian Rebedea, Cristian Neagu, Marius Popa	Indoor Positioning Inside an Office Building Using BLE	C02	Mobile and Pervasive Computing
112	Dan Dragan, Dan Tudose, Dan Dragomir	Enablement of CoAP Stack on Sparrow Wireless Sensor Network	C02	Mobile and Pervasive Computing
55	Vlad Doru Colceriu, Teodor Stefanut, Victor Bacu, Dorian Gorgan	Low Grade Sensor Data Based Annotation of Topological Railway Maps	C03	Big Data and Analytics
71	Stefania Matei, Cosima Rughinis, Razvan Rughinis	Big Data, Old Users, Personal Worlds. A Survey of Challenges and Resistance to Big Data Analytics in the EU	C03	Big Data and Analytics
74	Costin-Gabriel Chiru, Tudor Dimcica, Stere Caciandone	Expression of Political Opinions in Press	C03	Big Data and Analytics
76	Iulia Florea, Razvan Rughinis, Laura Ruse, Dan Dragomir	Survey of Standardized Protocols for the Internet of Things	C03	Big Data and Analytics
63	Florina Ungureanu, Robert Lupu, Simona Caraiman and Andrei Stan	A Framework to Assess Cortical Activity of Visually Impaired Persons During Training with a Sensory Substitution Device	C04	Human Machine Interfaces and Machine Learning
81	Selver Ezgi Küçükbay, Mustafa Sert, Adnan Yazıcı	Use of Acoustic and Vibration Sensor Data to Detect Objects in Surveillance Wireless Sensor Networks	C04	Human Machine Interfaces and Machine Learning
125	Alexandra Cernian, Adriana Olteanu, Dorin Carstoiu, Cristina Mares	Mood Detector – On Using Machine Learning to Identify moods and Emotions	C04	Human Machine Interfaces and Machine Learning
146	Mihaela Maracine, Alexandra Radu, Vlad Ciobanu, Nirvana Popescu	Brain Computer Interface Architectures and Classification Approaches	C04	Human Machine Interfaces and Machine Learning
154	Alexandru Florin Gavril, Mihai Trascau, Irina Mocanu	Multimodal Interface for Ambient Assisted Living	C04	Human Machine Interfaces and Machine Learning
22	Tudor Berariu, Florin Gogianu, Adina Magda Florea	Random Projection based Representations for Learning Policies in Deterministic Atari Games	C05	Computational Intelligence
35	Adriana-Cristina Enache,	Comparative Study on Feature Selection	C05	Computational Intelligence

	Valentin Sgarciu, Mihai Togan	Methods rooted in Swarm Intelligence for Intrusion Detection		
98	Corina Cîmpanu, Florina Ungureanu, Vasile Ion Manta, Tiberius Dumitriu	A Comparative Study on Classification of Working Memory Tasks Using EEG Signals	C05	Computational Intelligence
111	Radu Iacob, Traian Rebedea, Stefan Trausan-Matu	NLCP: Towards a Compiler for Natural Language	C05	Computational Intelligence
9	Alexandra Voinea, Florica Moldoveanu, Alin Moldoveanu	3D Model Generation of Human Musculoskeletal System Based on Image Processing	C06	Computer Vision and Computer Graphics
23	Claudiu Baronea, Adrian Cojocaru, Mihai Francu, Anca Morar, Victor Asavei	Comparison between incompressible SPH solvers	C06	Computer Vision and Computer Graphics
24	Alexandru Susu	Low-cost Distributed Video Surveillance with Discarded Mobile Phones	C06	Computer Vision and Computer Graphics
13	Andrei Ciobanu, Anca Morar, Florica Moldoveanu, Lucian Petrescu, Oana Ferche, Alin Moldoveanu	Real-time Indoor Staircase Detection on Mobile Devices	C07	Computer Vision and Computer Graphics
15	Andreea Racovita, Anca Morar, Oana Balan, Florica Moldoveanu, Alin Moldoveanu	Near Infrared Imaging for Tissue Analysis	C07	Computer Vision and Computer Graphics
121	Alexandru Pruncu, Irina Mocanu	A Parallel Version of the OneCut Image Segmentation Algorithm	C07	Computer Vision and Computer Graphics
18	Radu Velea, Casian Ciobanu, Florina Gurzău, Victor-Valeriu Patriciu	Feature Extraction and Visualization for Network PcapNg Traces	C08	Security and System Software
57	Alexandru Boicea, Florin Rădulescu, Ciprian-Octavian Truică, Cristina Costea	Database Encryption Using Asymmetric Keys: a Case Study	C08	Security and System Software
105	Florin-Alexandru Stancu, Mihai Chiroiu, Razvan Rughinis	SecCollab – Improving Confidentiality for Existing Cloud- based Collaborative Editors	C08	Security and System Software
IAFA-2017: International Workshop on Interdisciplinary Approaches in Fractal Analysis			ID	Session Title
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20	Nebojsa Milosevic, Antonio Di Ieva, Herbert Jelinek, Nemanja Rajkovic	Box-counting Method in Quantitative Analysis of Images of the Brain	IAFA	I. Medical images processing
40	Nemanja Rajković, Marko Radulović, Bojana Stojadinović, Dragica Nikolić Vukosavljević, Ksenija Kranjer, Nebojsa Milosevic	Analysis of Histopathology Images by the use of Monofractal and Multifractal Algorithms	IAFA	I. Medical images processing
115	Przemyslaw Waliszewski, Ryszard Skwarek	Deterministic Chaos and Mitochondrial Synthesis of Reactive Oxygen Species	IAFA	I. Medical images processing
60	Andreea Udrea, George Daniel Mitra	Generative Adversarial Neural Networks for Pigmented and Non-Pigmented Skin Lesions Detection in Clinical Images	IAFA	I. Medical images processing
128	Lavinia Costan, Stefan Popa	The Company's Internal Audit Seen as a Piece of a Complex System	IAFA	II. Structural Complexity
80	Mihai Bucurica, Ioana Dogaru, Radu Dogaru	Novel Applications of Complexity Inspired RDT Transform for Low Complexity Embedded Speech Recognition in Automotive Environments	IAFA	II. Structural Complexity
65	Celestin Draganescu, Cosmin Popa, Adrian-Costin Tundrea	Context-aware Adaptive System for Intelligent Transport Management	IAFA	II. Structural Complexity
69	Adrian-Costin Tundrea,	Integrating Intelligent Transport Systems in	IAFA	II. Structural Complexity

	Celestin Draganescu, Cosmin Popa	a Risk Management System of Systems		
5	Liana Denisa Circumarescu, Gabriel Predusca, Nicoleta Angelescu, Dan Constantin Puchianu	A New Approach to Improve Performance of Routing Protocols for Voice, Video Conferencing and FTP Services	IAFA	II. Structural Complexity
54	Giorgiana Geampalia, Florin Hartescu, Oana Chenaru, Gheorghe Florea	Communication Technologies for Complex Industrial Systems	IAFA	III. Complexity in process control
129	Cristina-Elena Poenaru, Radu Dobrescu, Daniel Merezeanu	Fractal Organization in Healthcare Information Systems	IAFA	III. Complexity in process control
41	Manuel Adelin Manolache	Integrated Decision Making Platform Modelled after the Human Anatomy	IAFA	III. Complexity in process control
72	Victor Ursianu, Florica Moldoveanu, Radu Ursianu, Emilian Ursianu	Bayesian Networks Applications extended to evaluate the Reliability of EMS and DMS Software Systems	IAFA	III. Complexity in process control
59	Aimee-Theodora Dumitrescu, Ecaterina Oltean, Daniel Merezeanu, Radu Dobrescu	Emergence in Hierarchical Complex Systems Structured as Social Networks	IAFA	III. Complexity in process control
139	Jan-Iliuță-Romeo Cojocaru, Dan Popescu and Loretta Ichim	Texture Classification Algorithm Using Elements of Fractal Analysis	IAFA	IV. Applications of fractal analysis
19	Simon Levente, Soós Anna	Fixed Point Theorem on High Dimensional Apollonian Networks	IAFA	IV. Applications of fractal analysis
95	Mihai Craciunescu, Stefan Mocanu, George Manea	Towards Practical Integration of WSN in Cloud Dedicated to Smart Environments	IAFA	IV. Applications of fractal analysis
47	Andrei Duluta, Stefan Mocanu, Radu Pietraru, Daniel Merezeanu and Daniela Saru	Secure Communication Method Based on Encryption and Steganography	IAFA	IV. Applications of fractal analysis
96	Alexandru Mihai Vulcan, Maximilian Nicolae	Fractal Compression with GPU Support	IAFA	IV. Applications of fractal analysis
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119	Alexandru Tiganasu, Corneliu Lazar, Constantin Florin Caruntu	Cyber Physical Systems – oriented Design of Cooperative Control for Vehicle Platooning	IWoCPS	International Workshop on Cyber Physical Systems
134	Dragos Repta, Aurelian Mihai Stanescu	Holistic Approach for Process Model Discovery	IWoCPS	International Workshop on Cyber Physical Systems
170	Ioan Dumitrache, Simona Iuliana Caramihai, Ioan Stefan Sacala, Mihnea Alexandru Moisescu	A Cyber Physical Systems Approach for Agricultural Enterprise and Sustainable Agriculture	IWoCPS	International Workshop on Cyber Physical Systems
114	Jose Ferreira, Joao Nuno Soares, Ricardo Jardim-Goncalves, Carlos Agostinho	Management of IoT Devices in a Physical Network	IWoCPS	International Workshop on Cyber Physical Systems
135	Eugen Pop, Mihnea Alexandru Moisescu, Ioan Stefan Sacala	A Cyber-Physical Systems Oriented Transaction Platform	IWoCPS	International Workshop on Cyber Physical Systems
86	Victor Vladareanu, Sergiu B. Cononovici, Radu I. Munteanu, Hongbo Wang, Yongfei Feng, Luige Vladareanu	Modelling Inverse Kinematics for Virtual Environment Robot Simulation	IWoCPS	International Workshop on Cyber Physical Systems
AgTAMI-2017: International Workshop on Agent Technology for Ambient Intelligence			ID	Session Title
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27	Liliana Dobrica, Radu Pietraru	Experiencing Native Mobile Health Applications Development	AGTAMI	International Workshop on Agent Technology for Ambient Intelligence

93	Serban Radu	A Negotiation Framework with Strategies based on Agent Preferences	AGTAMI	International Workshop on Agent Technology for Ambient Intelligence
153	Imad Alex Awada, Irina Mocanu, Adina Magda Florea, Bogdan Cramariuc	Multimodal Interface for Elderly People	AGTAMI	International Workshop on Agent Technology for Ambient Intelligence
DS-CSCL-2017: International Workshop on Design and Spontaneity in Computer-Supported Collaborative Learning			ID	Session Title
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130	Daniela Gifu, Mihaela Onofrei	Detecting Bridge Anaphora in Novels	DS-CSCL	International Workshop on Design and Spontaneity in Computer-Supported Collaborative Learning
43	Gabriel Gutu, Mihai Dascalu, Stefan Trausan-Matu, Olivier Lepoivre	How Adequate is your CV? Analyzing French CVs with ReaderBench	DS-CSCL	International Workshop on Design and Spontaneity in Computer-Supported Collaborative Learning
7	Ionut Cristian Paraschiv, Mihai Dascalu, Stefan Trausan-Matu, Nicolae Nistor, Ambar Murillo Montes de Oca, Danielle S. McNamara	Semantic Similarity versus Co-authorship Networks: A Detailed Comparison	DS-CSCL	International Workshop on Design and Spontaneity in Computer-Supported Collaborative Learning
151	Angela Chan, Sergiu Dascalu	Using Brain Computer Interface Technology in Connection with Google Street View	DS-CSCL	International Workshop on Design and Spontaneity in Computer-Supported Collaborative Learning
56	Andrei Ionut Damian, Nicolae Țăpuș	Model Architecture for Automatic Translation and Migration of Legacy Applications to Cloud Computing Environments	DS-CSCL	International Workshop on Design and Spontaneity in Computer-Supported Collaborative Learning
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136	Lucia Vacariu, Anca Hangan, Octavian Cret, Andrei Cretu	A Decision Support System on the Cyberwater Platform	CyRM	International Workshop on Cyberinfrastructures for Natural Resources Management
156	Antonio Candelieri, Ilaria Giordani, Francesco Archetti	Supporting Resilience Management of Water Distribution Networks through Network Analysis and Hydraulic Simulation	CyRM	International Workshop on Cyberinfrastructures for Natural Resources Management
33	George Suci, Laurentiu Bezdedeanu, Andrei Vasilescu, Victor Suci	Unified Intelligent Water Management using Cyberinfrastructures based on Cloud Computing and IoT	CyRM	International Workshop on Cyberinfrastructures for Natural Resources Management
169	Ioana Popescu, Athanasia Tserstou, Andreja Jonoski, Thaine Herman Asumpcao, George Athanasiou, Andreas Kallioras, Iulian Nichersu	SCENT: Citizen Sourced Data in Support of Environmental Monitoring	CyRM	International Workshop on Cyberinfrastructures for Natural Resources Management
52	Catalin Negru, Florin Pop, Mariana Mocanu, Valentin Cristea	Storage Solution of Spatial-Temporal Data for Water Monitoring Infrastructures used in Smart Cities	CyRM	International Workshop on Cyberinfrastructures for Natural Resources Management
ACSG-2017: International Workshop on Advance Control in Smart Grid			ID	Session Title

122	Delia Ioana Dogaru, Ioan Dumitrache	Robustness of Power Systems in the Context of Cyber Attacks	ACSG	International Workshop on Advance Control in Smart Grid
184	Ioana Fagarasan, Iulia Stamatescu, Nicoleta Arghira, Daniela Hossu, Andrei Hossu, Sergiu Stelian Iliescu	Control Techniques and Strategies for Microgrids	ACSG	International Workshop on Advance Control in Smart Grid
97	Mihaela Puianu, Ramona-Oana Flangea, Nicoleta Arghira, Sergiu Stelian Iliescu	PV Panel – Wind Turbine Hybrid System Modelling	ACSG	International Workshop on Advance Control in Smart Grid
62	Stefan Gheorghe, Nicolae Golovanov, George-Cristian Lazaroiu, Radu Porumb	Smart Grid, Integration of Renewable Sources and Improvement of Power Quality	ACSG	International Workshop on Advance Control in Smart Grid
77	Alina Marinica, Oana Chenaru, Gheorghe Florea, Manea George Marian	Enabling Smart Integration of Renewable Energy in National Energy Transport Infrastructures	ACSG	International Workshop on Advance Control in Smart Grid
50	Alexandru Mihai Vulcan, Maximilian Nicolae	High Performance Computing Based on a Smart Grid Approach	ACSG	International Workshop on Advance Control in Smart Grid
SSECC-2017: International Workshop on Smart Services for Edge and Cloud Computing			ID	Session Title
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159	Alexandru Stanciu	Blockchain Based Distributed Control System for Edge Computing	SSECC	International Workshop on Smart Services for Edge and Cloud Computing
142	Alexandru Cismas, Ioana Matei, Vlad Ciobanu, George Casu	Crash Detection Using IMU Sensors	SSECC	International Workshop on Smart Services for Edge and Cloud Computing
85	Constantin Ioan Nandra, Victor Bacu, Dorian Gorgan	Parallel Earth Data Tasks Processing on a Distributed Cloud Based Computing Architecture	SSECC	International Workshop on Smart Services for Edge and Cloud Computing
32	George Suciu, Cristina Butca, Ciprian Dobre, Cornel Popescu	Smart City Mobility Simulation and Monitoring Platform	SSECC	International Workshop on Smart Services for Edge and Cloud Computing
157	Cristian Vidan, Mihaela Maracine	Corona Discharge Classification Based on UAV Data Acquisition	SSECC	International Workshop on Smart Services for Edge and Cloud Computing
141	Cosmin Gabriel Toader	Multi-agent Based E-health System	SSECC	International Workshop on Smart Services for Edge and Cloud Computing
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58	Vladimir F. Krapivin, Ferdenant A. Mkrtchyan, Vladimir Yu. Soldatov, Vasile M. Tovarnițchi	An Expert Systems for the Aquatic Systems Investigation	ENV	Special Session on Environment Control Systems
61	Vasile M. Tovarnițchi	Cloud-based Architectures for Environment Monitoring	ENV	Special Session on Environment Control Systems
102	Costica Nitu, Vladimir F. Krapivin, Ferdenant A. Mkrtchyan, Vladimir Yu. Soldatov, Anda Sabena Dobrescu	Multi-functional informational – instrumental technology for the hydrochemical monitoring	ENV	Special Session on Environment Control Systems
103	Vladimir F. Krapivin, Vladimir Yu. Soldatov, Costica Nitu, Alexandru Dumitrascu	Geoecological Information-modeling System as a Tool for Global Environmental Diagnostics	ENV	Special Session on Environment Control Systems

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