C1.1. Conference papers indexed in Web of Science (ISI Proceedings) - 2016

No.	Authors	Title	Conference	Volume	Pages
1	Alexandrescu Adrian, Buțincu Cristian Nicolae, Craus Mitică	Improving After-Sales Services Using Mobile Agents in a Service-Oriented Architecture	7th International Conference on Exploring Services Science (IESS)	Lecture Notes in Business Information Processing, Volume 247	444-456
2	Archip Alexandru, Botezatu Nicolae, Șerban Elena, Herghelegiu Paul-Corneliu, Zală Andrei	An IoT Based System for Remote Patient Monitoring	17th IEEE International Carpathian Control Conference (ICCC)	Proceedings	06-Jan
3	Buțincu Cristian Nicolae, Alexandrescu Adrian, Craus Mitică	A challenge driven platform for development of new business models in the context of self-organizing product-service systems	15th RoEduNet Conference: Networking in Education and Research	Proceedings	230-235
4	Hnatiuc B., Sabău A., Petrescu Camelia, Wartel M.	Characterization of Different Types of Gliding Discharges: Electrical Parameters and Breakdown Simulation	International Conference and Exposition on Electrical and Power Engineering (EPE)	Proceedings	102-105
5	Hulea Mircea, Tang Xuan, Ghassemlooy Zabih, Rajbhandari Sujan	A review on effects of the atmospheric turbulence on laser beam propagation—An analytic approach	10th International Symposium on Communication Systems, Networks and Digital Signal Processing (CSNDSP)	Proceedings	1-6
6	Kloetzer Marius, Mahulea Cristian	Multi-robot path planning for syntactically co-safe LTL specifications	13th International Workshop on Discrete Event Systems (WODES)	Proceedings	452-458
7	Lazar Corneliu, Burlacu Adrian	A Control Predictive Framework for Image based Visual Servoing Applications	24th International Conference on Robotics in Alpe-Danube Region (RAAD)	Advances in Robot Design and Intelligent Control	185-193
8	Leon Florin	A Novel Interaction Protocol of a Multiagent System for the Study of Alternative Decisions	8th International Conference on Computational Collective Intelligence Technologies and Applications (ICCCI)	Lecture Notes in Artificial Intelligence, LNAI 9875	3-12
9	Leon Florin, Badica Costin	A Freight Brokering System Architecture Based on Web Services and Agents	7th International Conference on Exploring Services Science (IESS)	Lecture Notes in Business Information Processing, vol. 247	537-546
10	Leon Florin, Badica Costin	A Comparison Between Jason and F# Programming Languages for the Enactment of Business Agents	International Symposium on INnovations in Intelligent SysTems and Applications (INISTA)	Proceedings	1-8
11	Mastacan Lucian, Dosoftei Constantin-Cătălin	Temperature Intelligent Control based on Soft Computing Technology	International Conference and Exposition on Electrical and Power Engineering (EPE)	Proceedings	20-25
12	Matcovschi Mihaela, Pastravanu Octavian	Generalized diagonal stability of complex interval matrices relative to Hölder norms	12th IEEE International Conference on Control and Automation (ICCA)	Proceedings	260-265

13	Pănescu Doru, Pascal Carlos	A Synchronous CNP-based Coordination Mechanism for Holonic Manufacturing Systems	International Workshop Workshop on Service Orientation in Holonic and Multi-Agent Manufacturing SOHOMA'2015	Service Orientation in Holonic and Multi Agent Manufacturing. Studies in Computational Intelligence, vol. 640, Springer, 2016, ISBN 978-3-319-30335-2, ISSN 1860-949X	169-178
14	Pastravanu Octavian, Matcovschi Mihaela	On Switched Linear Copositive Lyapunov Function Method	11th IEEE International Symposium on Applied Computational Intelligence and Informatics (SACI)	Proceedings	267-272
15	Pastravanu Octavian, Matcovschi Mihaela	On testing stability and flow-invariance of arbitrary switching positive systems via linear copositive Lyapunov functions	International Conference on Automation, Quality and Testing, Robotics (AQTR)	Proceedings	221-226
16	Petrescu Camelia	Study of TEM Waves with Oblique Incidence at the Boundary Between Charged, Lossy Dielectrics	International Conference and Exposition on Electrical and Power Engineering (EPE)	Proceedings	087 - 091
17	Puiu Vasilica-Georgiana, Alexandrescu Adrian	An event-driven service-oriented architecture for performing actions on business organization items	7th International Conference on Exploring Services Science (IESS)	Lecture Notes in Business Information Processing, Volume 247	432-443
18	Rafaila Razvan C., Caruntu Constantin F., Livint Gheorghe	Nonlinear Model Predictive Control using Lyapunov Functions for Vehicle Lateral Dynamics	14th IFAC Symposium on Control in Transportation Systems (CTS)	IFAC-PapersOnLine 49-3 (2016)	135-140
19	Condurache Daniel, Burlacu Adrian	Fractional Order Cayley Transforms for Dual Quaternions Based Pose Representation	AAS/AIAA Astrodynamics Specialist Conference	Advances in the Astronautical Sciences	1317-1337
20	Pleşca Adrian, Dumitrescu Cătălin, Calistru Cătălin Nicolae	Power collection system for electrical vehicles	16th IEEE International Conference on Environment and Electrical Engineering (EEEIC)	Proceedings	1-5
21	Budaciu Cristina, Apostol Laura-Diana	Dynamic Analysis in Discrete Time Delta Domain For Unstable Bicycle System	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	392-397
22	Budaciu Cristina, Apostol Laura-Diana	Dynamic Analysis and Control of Lego Mindstorms NXT Bicycle	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	145 - 149
23	Burlacu Adrian, Simona Bostaca, Ioana Hector, Paul Herghelegiu, Gabriel Ivanica, Alin Moldoveanul, Simona Caraiman	Obstacle detection in stereo sequences using multiple representations of the disparity map	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	854-859

24	Alexandrescu Adrian, Stan Andrei, Botezatu Nicolae-Alexandru, Caraiman Simona	Real-time inter-process communication in heterogeneous programming environments	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	283-288
25	Caruntu Constantin F., Braescu Catalin, Maxim Anca, Rafaila Razvan C., Tiganasu Alexandru	Distributed Model Predictive Control for Vehicle Platooning: A brief survey	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	644-650
26	Hulea Mircea, Vieriu George, Bârleanu Alexandru	A method to implement wireless communication between areas of electronic neurons	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	520-525
27	Kloetzer Marius, Mahulea Cristian, Burlacu Adrian	Sample gathering problem for different robots with limited capacity	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	490-495
28	Lamarca José, Kloetzer Marius, Mahulea Cristian	Inexpensive robot for experimental validation of planning and control algorithms	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	502-507
29	Lazar Corneliu, Psenita Cosmin-Dragomir, Tiganasu Alexandru	Comparative Analysis of Orientation Field Descriptors Used for Detecting Altered Fingerprints	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	715-720
30	Lupu Robert Gabriel, Botezatu Nicolae, Ungureanu Florina, Ignat Daniel, Moldovanu Alin	Virtual reality based stroke recovery for upper limbs using leap motion	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	295-299
31	Lupu Robert Gabriel, Ungureanu Florina, Stan Andrei	A virtual reality system for post stroke recovery	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	300-305
32	Onofrei George, Archip Alexandru	Achieving better recommendations with overclassification: Practical considerations	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	410 - 416
33	Pascal Carlos, Pănescu Doru	On Applying DisCSP for Scheduling in Holonic Systems	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	423 – 428
34	Pastravanu Octavian, Matcovschi Mihaela	Complementarity and duality in stability analysis of switched positive systems	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	467-472
35	Paul Herghelegiu, Adrian Burlacu, Simona Caraiman	Robust ground plane detection and tracking in stereo sequences using camera orientation	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	514-519
36	Petrila Iulian, Luca Beatrice, Manta Vasile	Effects of disabled neurons in classical and quantum networks information processing	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	699-703
37	Postolache Mihai	Time-Triggered CANopen Implementation for Networked Embedded Systems	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	168-173

38	Rafaila Razvan C., Caruntu Constantin F., Livint Gheorghe	Centralized Model Predictive Control of Autonomous Driving Vehicles with Lyapunov Stability	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	663-668
39	Tiganasu Alexandru, Lazar Corneliu, Caruntu Constantin F.	Design and simulation evaluation of cooperative adaptive cruise control for a platoon of vehicles	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	669-674
40	Timis Mihai, Valachi Alexandru	Optimal Hardware Implementation of a Low Cost Multiplier using Multifunctional Registers with Decoded Mode Inputs	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	782-789
41	Zapodeanu Angelo, Burlacu Adrian, Kloetzer Marius	On some implementation issues in robot-to-area allocation problems	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	496-501
42	Burlacu Adrian, Alexandru Cohal, Simona Caraiman, Daniel Condurache	Iterative Closest Point Problem: A Tensorial Approach to Finding the Initial Guess	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	508-513
43	Ionescu Clara Mihaela, Maxim Anca, Copot Cosmin, De Keyser Robin	Robust PID auto-tunning for the Quadruple Tank System	11th IFAC Symposium on Dynamics and Control of Process Systems, including Biosystems (DYCOPS-CAB)	IFAC-PapersOnLine, Volume: 49 Issue: 7	919-924
44	Copot Dana, Maxim Anca, De Keyser Robin, Ionescu Clara Mihaela	Multivariable control of sextuple tank system with non-minimum phase dynamics	International Conference on Automation, Quality and Testing, Robotics (AQTR)	Proceedings	399-404
45	Ionescu Clara Mihaela, Copot Dana, Maxim Anca, Dulf Eva, Both Roxana, De Keyser Robin	Robust autotuning MPC for a class of process control applications	International Conference on Automation, Quality and Testing, Robotics (AQTR)	Proceedings	369-374
46	Maxim Anca, Ionescu Clara Mihaela, Caruntu Constantin Florin, Lazar Corneliu, De Keyser Robin	Reference Tracking using a Non-Cooperative Distributed Model Predictive Control Algorithm	11th IFAC Symposium on Dynamics and Control of Process Systems, including Biosystems (DYCOPS-CAB)	IFAC-PapersOnLine, Volume: 49 Issue: 7	1079-1084
47	Maxim Anca, Ionescu Clara Mihaela, De Keyser Robin	Modelling and identification of a coupled sextuple water tank system	International Conference on Automation, Quality and Testing, Robotics (AQTR)	Proceedings	393-398
48	Luca Beatrice, Petrila Iulian	Construction and Deconstruction of Checkers Game using ICE Agent Model	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	84-89
49	Maxim Anca, Caruntu Constantin Florin, Lazar Corneliu	Distributed model predictive control algorithm for vehicle platooning	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	657-662
50	Dumitriu Tiberius, Dumitriu Raluca Petronela, Manta Vasile	Application of Artificial Neural Networks for Modeling Drug Release from a Bicomponent Hydrogel System	20th International Conference on System Theory, Control and Computing (ICSTCC)	Proceedings	675-680