

# ***5<sup>th</sup> International Conference on Computers Communications and Control, ICCCC 2014***

**Hotel President**, Băile Felix, Oradea, România, May 7-9, 2014

Organized by [Agora University of Oradea](#),

under the aegis of [Romanian Academy](#): - [Information Science and Technology Section](#)

## **ACCEPTED PAPERS FOR ICCCC2014**

1. María Del Mar Alemany-Díaz, Ángel Ortiz-Bas, Andrés Boza-García and Vicente S. Fuertes-Miquel.  
[A Model-Driven DSS for Managing the Shortage Planning of Ceramic Companies](#)
2. Yezid Donoso, Carlos Lozano-Garzon, Miguel Camelo and Pere Vila.  
[A Multihoming Load Balancing Algorithm for a Fairness Resource Allocation in Heterogeneous Wireless Networks](#)
3. Carlos Velasquez-Villada, Fernando Solano and Yezid Donoso.  
[Opportunistic Forwarding Algorithm for Delay Tolerant Networks in Rural Applications](#)
4. Yezid Donoso, German Montoya and Fernando Solano.  
[An Energy Efficient and Predictive Routing Algorithm using a Double Kalman Filter for Mobile Wireless Sensor Networks](#)
5. Yezid Donoso and Ferney Maldonado-Lopez.  
[Auditing Multi-domain Policies in Programmable Networks](#)
6. Ian Hughes, Ginno Millan, Claudio Cubillos and Gaston Lefranc.  
[Colony of Robots Based on Multi-Agent System for Closed Three-Dimensional Enviroments Exploration](#)
7. Zobia Rehman and Stefania Kifor.  
[A conceptual Architecture of Ontology Based Knowledge Management System of Failure Mode and Effects Analysis \(FMEA\)](#)
8. Cheolheui Han, Sang Jin Ma and Myung Jin Chung.  
[Numerical Simulation on the Three-Dimensional Unsteady Compressible Flow Characteristics inside a High-Speed Solenoid Valve](#)
9. Emilia Ciupan, Florin Lungu and Cornel Ciupan.  
[A method for training a neural network with a small number of examples used for robot control](#)
10. Oscar C. Vásquez, Luis Osorio-Valenzuela and Juan M. Sepúlveda.  
[Machine minimization for scheduling jobs with interval constraints and limited machine workload capacity: A resolution method based on evolutionary game-theoretical model](#)

11. Claudiu Raul Costea, Helga Maria Silaghi, Doina Zmaranda and Marius Alexandru Silaghi.  
[Control of Feed Flow Rate with Fuzzy Logic for a Cement Mill](#)

12. C Sivapragasam, Nitin Muttill, Catherin Jeselia and S Visweshwaran.  
[INFILLING OF RAINFALL INFORMATION USING GENETIC PROGRAMMING](#)

13. Sanda Dale, Helga Silaghi, Doina Zmaranda and Ulrich Rohde.  
[Procedural Aspects Concerning Intelligent Design Environment for Real-Time Applications](#)

14. Andres Boza, Maria Del Mar Eva Alemany, Eduardo Vicens and Llanos Cuenca.  
[Event Management in Decision-Making processes with Decision Support Systems](#)

15. Dorota Kuchta and Dariusz Skorupka.  
[Choice of Countermeasures in Project Risk Management](#)

16. Elias D. Nino Ruiz and Stella Miranda.  
[PARMODS: A Parallel Framework For MODS Metaheuristics](#)

17. Duraiyaran S, Madan V.K and Pallikonda Rajasekaran.  
[Silence Removal Algorithms for Speech Signals](#)

18. Daniela Gîfu and Marius Cioca.  
[SENTIMENT ANALYSIS ÎN SOCIAL MEDIA](#)

19. Astrid Oddershede, Felisa Cordova and Francisco Watkins.  
[Decision Model for Assessing Healthcare ICT Support Implications: User Perception](#)

20. Felisa Cordova, Fernando Cifuentes and Astrid Oddershede.  
[A Dynamic Assignment Simulation Model Using Petri Nets Applied to a Public Penal Defensory.](#)

21. Ginno Millan and Gaston Lefranc.  
[Application of the Analysis of Self-similar Teletra](#)

22. Astrid Oddershede, Felisa Cordova, Rolando Carrasco and Francisco Watkins.  
[Decision Model for Assessing Healthcare ICT Support](#)

23. Juan Sepulveda and Ivan Derpich.  
[Multicriteria Supplier Classification for Decision Support Systems: Comparative Analysis of Two Methods](#)

24. Fuad Aleskerov.  
[Choice Procedures in Big Data Analysis \(keynote lecture\)](#)

25. Astrid Oddershede, Felisa Cordova, Rolando Carrasco and Francisco Watkins.  
[Decision Model for Assessing Healthcare ICT Support](#)
26. Luminita Duta and Florin Gheorghe Filip.  
[Mathematical Decision Model for Reverse Supply Chains Inventory](#)
27. Emilia Ciupan, Florin Lungu and Cornel Ciupan.  
[Neural Model Used to Predict the Cost of Abrasive Waterjet Cutting Process](#)
28. Răzvan-Daniel Albu, Ioan Dziţac, Popentiu Florin and Iuliana Maria Naghiu.  
[Input Projection Algorithms in Web Services QoS Prediction and Optimization](#)
29. Pascale Zaraté.  
[Tools for Collaborative Decision Making \(keynote lecture\)](#)
30. Changsheng Lin and Gang Kou.  
[Minimum mean square error estimators for the exponential SSALT model](#)
31. Daji Ergu, Yi Peng and Gang Kou.  
[Simulation of induced bias matrix model for consistency test](#)
32. Guangxu Li and Yi Peng.  
[Dynamic comprehensive evaluation method with twice-aggregation](#)
33. Dragana Makajic-Nikolic, Sladjan Babarogic, Danica Lecic-Cvetkovic and Nikola Atanasov.  
[An Algorithm for Production Planning Based on Supply Chain KPIs](#)
34. Alexey Myachin.  
[New high-precision efficient models of pattern analysis](#)
35. Lehel Csokmai, Radu Țarcă, Constantin Bungău and Géza Husi.  
[A Comprehensive Approach to Offline Advanced Error Troubleshooting in Intelligent Manufacturing Systems](#)
36. Marius Baban, Calin Florin Baban, Constantin Bungau, George Dragomir and Rares Mihai Pancu.  
[Using fuzzy logic for the estimation of the technical state of automotive disk brakes](#)
37. Ralf D. Fabian, Cristina I. Cismaş-Brumar, Adriana Manolescu and Gabriela Bologa.  
[“Eco-Horizon 2020”: Multifunctional Scenario Interface for Biologists](#)
38. Reza Shokri.  
[Management Quality of Experience in Mobile Multimedia Cloud Computing](#)

39. Andrei Tugui.  
[GLM Analysis for fMRI using Connex Array](#)
40. Ciprian Paduraru.  
[An online load balancing algorithm for a hierarchical ring topology](#)
41. Lucia Rusu, Bogdan Cramariuc, Dan Benta and Marinela Mailat.  
[Implementing BPMN 2.0 scenarios for AAL@Home Solution](#)
42. Eniko Tolea.  
[A new approach for the learning process](#)
43. Ivan Derpich, Juan Sepulveda and Victor Olivares.  
[Optimization of Energy Consumption in WSN by Using a Facility Location Model](#)
44. Alin Mihăilă, Dan Benta and Lucia Rusu.  
[A Dynamic e-collaborative Framework for Automated Testing and Reporting in EU Projects](#)
45. Myungjin Chung.  
[Control System of Auto Moving Vehicle using for Artificial Turf Ground Performance Test](#)
46. Mark Beregovsky, Ekaterina Kalugina, Inna Lola and Sergey Shvydun.  
[A computer system for an effective personnel selection](#)
47. Dominic Bucerzan and Crina Anina Ratiu.  
[Binding Android Steganography by Windows Steganography](#)
48. Francisco Watkins, Astrid Oddershede and Felisa Cordova.  
[Structuring a Mesh Wireless Network for Rural Zones](#)
49. Francisco Watkins, Astrid Oddershede and Felisa Cordova.  
[Structuring a Mesh wireless network](#)
50. Raman Singh, Harish Kumar and R.K. Singla.  
[Synthetic Network Traffic Dataset Generation for behavioral Profiling](#)
51. Mj.Abinash Mj.Abinash and Dr.V.Vasudevan Dr.V.Vasudevan.  
[On Access Control For The Online Social Networks](#)
52. S.H. Karamchandani, Krutarth Gandhi, Siddharth Gosalia, Vinod. K. Madan and Shabbir Merchant.  
[PCA encrypted short acoustic data inculcated in Digital Images](#)

53. Fuad Aleskerov, Ekaterina Kalugina and Sergey Shvydun.

[A mathematical model of an effective personnel selection in network structures](#)

54. Yong Shi.

**Big Data, Big Data Mining and Data Science (keynote lecture)**

55. Ioan Dumitrache

**From Computer Controlled Processes to Intelligent Cyber-Physical Systems (keynote lecture)**