

Scientific articles published in 2016

A1. Articles in journals proceedings volumes of conferences, ISI indexed

Authors in the doctorate domain System Engineering

Theodor Borangiu and Ph.D. students

1. Drăgoicea, M., Borangiu, Th., Voinescu, I. (2016). Service interactions modeling for improved management of public transport systems, Transactions of The Society for Modeling and Simulation International, SIMULATION March 2016, vol. 92, no. 3, p. 233-250, SAGE Journals, DOI: 10.1177/0037549716629232
2. Răileanu, S., Borangiu, Th., Silișteanu, A. (2016). Centralized HMES with Environment Adaptation for Production of Radiopharmaceuticals. In (Borangiu, Th., Thomas, A., Trentesaux, D., Eds.) Service Orientation in Holonic and Multi-Agent Manufacturing, Springer Series Studies in Computational Intelligence, Vol. 640, Chapter 1, p. 3-18, DOI: 10.1007/978-3-319-30337-6_1, Springer, ISBN 978-3-319-30335-2
3. Morariu, O., Morariu, C., Borangiu, Th. (2016). Security Issues in Service Oriented Manufacturing Architectures with Distributed Intelligence. In (Borangiu, Th., Thomas, A., Trentesaux, D., Eds.) Service Orientation in Holonic and Multi-Agent Manufacturing, Springer Series Studies in Computational Intelligence, Vol. 640, Chapter 23, p. 243-263, DOI: 10.1007/978-3-319-30337-6_23, Springer, ISBN 978-3-319-30335-2
4. Morariu, O., Borangiu, Th., Morariu, C., Raileanu, S. (2016). Service Oriented Mechanisms for Smart Resource Allocation in Private Manufacturing Clouds. In (Borangiu, Th., Dragoicea, M., Nóvoa, H., Eds.) Exploring Service Science, Springer Series Lecture Notes in Business Information Processes (LNBIP), Vol. 247, Chapter 28, p. 367-383, DOI: 10.1007/978-3-319-32689-4_28, Springer, ISBN:978-3-319-32689-4
5. Borangiu, Th., Raileanu, S., Voinescu, I., Morariu, O. (2016). Dynamic Service Capacity and Demand Matching in a Holonic Public Transport System. In (Borangiu, Th., Dragoicea, M., Nóvoa, H., Eds.) Exploring Service Science, Springer Series LNBIP, Vol. 247, Chapter 44, p. 573-589, DOI: 10.1007/978-3-319-32689-4_44, Springer, ISBN 978-3-319-32689-4

Cătălin Buiu and Ph.D. students

6. Florea, A.G., Buiu, C. (2016). Development of a software simulator for P colonies. Applications in robotics, International Journal of Unconventional Computing, Vol. 12, 2-3, p. 189-205, EID: 2-s2.0-84969217988

Radu Dobrescu and Ph.D. students

7. M. Nicolae, D. Popescu, R. Dobrescu, I. Costea (2016). Scheduling Mechanism for Energy-Efficient Communication in Hybrid Wireless Sensor Networks, Journal of Control Engineering and Applied Informatics, Bucharest, Vol 18, No 2, p. 95-102

Ioan Dumitrache and Ph.D. students

8. Pavel, A., Dumitrache, I. (2016). Hybrid numerical P systems, U.P.B. Scientific Bulletin, Series A, Vol. 78, Iss. 2, 2016, ISSN 1223-7027
9. Dumitrescu, C.M., Dumitrache, I. (2016). Human skin detection using neural networks and block processing techniques, U.P.B. Scientific Bulletin, Series C, Vol. 78, Iss. 1, 2016 ISSN 2286-3540
10. Vasile, C.I., Dumitrache, I. (2016). Multi-agent membrane system, Scientific Bulletin UPB, Series C, Vol. 78, Iss. 2, 2016, ISSN 2286-3540

Bogdan Dumitrescu and Ph.D. students

11. T. Cioaca, B. Dumitrescu, M. Stupariu (2016). Graph-based Wavelet Representation of Multidimensional Terrain Data, Computer Graphics Forum, vol.35, no.1, p.44-58, Feb. 2016. DOI: 10.1111/cgf.12670
12. P. Irofti (2016). Efficient GPU Implementation for Single Block Orthogonal Dictionary Learning, Control Engineering and Applied Informatics, vol.18, no.3, p.101-108, ISSN: 1454-8658

Florin Gheorghe Filip and Ph.D. students

13. Căndea, C., Filip, F.G. (2016). Towards intelligent collaborative decision support platforms. *Studies in Informatics and Control*, 25(2), p.143-152, IF /2015 : 0,7
14. Brandas, C., Panzaru, C., Filip, F.G. (2016). Data Driven Decision Support Systems: An Application Case in Labour Market Analysis, *Romanian Journal of Information Science and Technology-ROMJIST*, 19(1-2), p. 65-77

Sergiu Stelian Iliescu and Ph.D. students

15. E.D. Dinu, D. Ilisiu, I. Făgărășan, S. St. Iliescu, N. Arghira (2016). Voltage – Reactive Power Control in Renewables Power Plants, *Proc. IEEE International Conference on Automation, Quality and Testing, Robotics*, p. 1-6, DOI: 10.1109/AQTR.2016.7501330, 2016
16. D. Gușă, G. Iordache, I. Presadă. M. Dragomir, S. St. Iliescu (2016). A comparative analysis of FACTS devices implemented in the Romanian power system, *Proc. IEEE International Conference on Automation, Quality and Testing, Robotics*, p. 1-6, DOI: 10.1109/AQTR.2016.7501293, 2016
17. Cocioceanu, A.; Barbucescu, M.; Ivanoaica, T.; Raportaru, M.; Nicolin, A.I. (2016). Testing voice-based biometrics authentication platforms for Romanian utterances through infrequent consonant clusters, *15th Roedunet Conference – Networking In Education And Research*, DOI: 10.1109/RoEduNet.2016.7753205
18. Patru, I.I.; Carabas, M., Barbucescu, M.; Gheorghe, L. (2016). Smart Home IoT System, *15th RoEduNet Conference – Networking In Education And Research*, DOI: 10.1109/RoEduNet.2016.7753232, 2016
19. M. Marinescu, O. Grigoriu, G. Neculoiu, M. Puianu, V. Marinescu (2016). Adapting the Training of Future Graduates for Labour Market Needs, *15th RoEduNet Conference – Networking In Education And Research*

Ion Necoară and Ph.D. students

20. I. Necoara, D. Clipici (2016). Parallel random coordinate descent methods for composite minimization: convergence analysis and error bounds, *SIAM Journal on Optimization*, vol. 26, no. 1, pp. 197-226, 2016 ISSN: 1095-7189
21. I. Necoara, V. Nedelcu, D. Clipici, L. Toma, C. Bulac (2016). Optimal voltage control for loss minimization based on sequential convex programming, *Proc. IEEE Conference Innovative Smart Grid Technologies*, 2016
22. I. Necoara, A. Patrascu (2016). Iteration complexity analysis of dual first order methods for conic convex programming, *Optimization Methods and Software*, 31(3): 645-678, 2016, ISSN: 1055-6788

Cristian Oară and Ph.D. students

23. F. Tudor, C. Oară (2016). Robust stabilization of generalized systems perturbed on normalized coprime factors, *IEEE Transactions on Automatic Control*
24. C. Oară, C. Flutur, M. Jungers (2016). Squaring down with zeros cancellation in generalized systems,

Systems and Control Letters, Vol. 92, 2016, pp. 5-12

Dan Popescu and Ph.D. students

25. L. Ichim, T. Caramihale, D. Popescu (2016). Intelligent Feature Selection for Regions of Interest Identification in Retinal Images, *Proc. 11th IEEE International Symposium on Applied Computational Intelligence and Informatics*, May 12-14, 2016, Timișoara, Romania, pp. 311-315
26. D. Gornea, D. Popescu, L. Ichim (2016). Remote Assessment of Flooded Areas based on Inter-spectral Statistical Features, *Proc. 39th International Conference on Telecommunications and Signal Processing (TSP)*, June 27-29, 2016, Vienna, Austria, pp. 707-710
27. D. Popescu, L. Ichim, T. Caramihale (2016). Detection of Exudates and Hemorrhages Using an Efficient Criterion for Feature Selection, *39th International Conference on Telecommunications and Signal Processing (TSP)*, June 27-29, 2016, Vienna, Austria, pp. 711-715
28. O. Chenaru, D. Popescu, D. Enache, L. Ichim (2016). Fault-Tolerant Control System Implementation Based on Parameter Analysis, *Studies in Informatics and Control*, vol. 25(2), pp. 227-236, 2016. ISSN: 1220-1766
29. O. Rohat, D. Popescu (2016). Remote Execution Function Blocks for Distributed Systems, *U.P.B. Sci. Bull, Series C*, Vol. 78, Issue 1, 2016, pp. 29-40; ISSN 2286 – 3540

30. A.L. Popescu, R.T. Ionescu, D. Popescu (2016). CardioWatch: a solution for monitoring the heart rate on a mobile device – U.P.B. Sci. Bull., Series C, Vol. 78, Iss. 3, 2016, ISSN 2286-3540, pp. 27-38

Dumitru Popescu and Ph.D. students

31. C. Miron, D. Popescu, S. Olteanu (2016). Search Algorithms for the Maximum Power Point on Photovoltaic Panels, Proceedings of Int. Conf ICSTCC 18, Sinaia 2016
32. Torous, C.-L., Popescu, D., Petrescu, C., Balan, D.-V. (2016). Extremal control of DC/DC Converters in photovoltaic configurations, Proc. of Int. Conf. 5th ICSC 2016
33. S. Carstoiu, D. Popescu, S. Olteanu (2016). Multimodel Control of Diesel Engines, Proceedings of the ACD IFAC-Conference, Lille, IOP Journal of Physics, Conference Series JPCS, 2016
34. I. Gliga, D. Popescu, C. Mihai, C. Lupu (2016). Adaptive- Robust Control for Real Time Applications, Proceedings of the ACD- IFAC Conference, Lille, IOP Journal of Physics, Conference Series JPCS, 2016
35. C. Torous, D. Popescu, S. Olteanu (2016). Extremal Control for Power Photovoltaic Panels, Proceedings of the ICSTCC'16 Conference, Sinaia
36. C. Miron, D. Popescu, N. Christov, A. Aitouche (2016). Control Based Observer for PV System by Fuzzy Takagi Sugeno Model, Proc. ICSTCC'16 Conference, Sinaia

Valentin Sgârciu and Ph.D. students

37. Vladescu, M., Sgarciu, V. (2016). Maintaining high level information security in enterprises using event correlation, Scientific Bulletin of University Politehnica of Bucharest, Series C Electrical Engineering and Computer Science, 2016

Authors in the doctorate domain Computers and Information Technology

Valentin Cristea and Ph.D. students

38. Ciolofan, S. N., Pop, F., Mocanu, M., & Cristea, V. (2016). Rapid Parallel Detection of Distance-based Outliers in Time Series using MapReduce. Journal of Control Engineering and Applied Informatics, 18(3), p. 63-71
39. C. Gosman, T. Cornea, C. Dobre, C.X. Mavromoustakis, G. Mastorakis (2016). Secure model to share data in Intelligent Transportation Systems, Proceedings 18th Mediterranean Electrotechnical conference – IEEE MELECON, April 18 – 20, 2016, DOI: 10.1109/MELCON.2016.7495426
40. M. Costea, R.I. Ciobanu, R.C. Marin, C. Dobre, C.X. Mavromoustakis, G. Mastorakis, F. Xhafa (2016). Total order in opportunistic networks, in Concurrency and Computation: Practice and Experience, John Wiley & Sons 2016, DOI: 10.1002/cpe.4056
41. C.O. Ojog, R.C. Marin, R.I. Ciobanu, C. Dobre (2016). Multi-criteria optimization of wireless connectivity over sparse networks, Computer Networks Vol.111, pp 120-128, 2016, ISSN: 1389-1286
42. C. Chilipirea, L. Ghita, M. Popescu, S. Radoveanu, V. Cernov, C. Dobre (2016). A Comparison of Private Cloud Systems. In 30th IEEE International Conference on Advanced Information Networking and Applications Workshops (WAINA), pp. 139-143, 2016
43. Chilipirea, C., Petre, A.-C., Dobre, C., Pop, F. (2016). Enabling Mobile Cloud Wide Spread Through an Evolutionary Market-Based Approach, IEEE Systems Journal Vol. 10, Issue 2, p. 839-846, DOI: 10.1109/JSYST.2015.2415211

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44. M. Costea, R.-I. Ciobanu, R.-C. Marin, C. Dobre, Causal Order in Opportunistic Networks, in Ad Hoc Networks (ISSN: 1570-8705), 2016
45. A. Vladutu, D. Comaneci, C. Dobre, Internet Traffic Classification Based on Flows Statistical Properties with Machine Learning, in International Journal of Network Management (ISSN: 1099-1190), Published online: 13 APR 2016 (DOI: 10.1002/nem.1929)
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47. D. G. Reina, P. Ruiz, R.-I. Ciobanu, S. L. Toral, B. Dorronsoro, C. Dobre (2016). A Survey on the Application of Evolutionary Algorithms for Mobile Multihop Ad Hoc Network Optimization Problems, in International Journal of Distributed Sensor Networks (ISSN: 1550-1329), Volume 2016, Article ID 2082496, 13 pages, 2016

Florica Moldoveanu and Ph.D. students

48. Petrescu L., Moldoveanu F., Asavei V., Moldoveanu A. (2016). Analyzing Deferred Rendering Techniques, *Journal of Control Engineering and Applied Informatics*, vol. 18, is. 1, pp. 30-41, 2016, ISSN: 1454-8658
49. Stefan, L., Moldoveanu, F., Moldoveanu, A. (2016). Evaluation of OpenSimulator extensibility by designing collaborative and adaptive 3D learning object. In *U.P.B. Sci. Bull., Series C*. vol. 78, no. 1, ISSN 2286-3540, pp. 18-28, January 2016
50. Alabbasi, H. A., Gradinaru, A., Moldoveanu, F., Moldoveanu, A. (2016). Virtual sports training system using Kinect V2 sensor. In *Scientific Bulletin of UPB, Serie C*, vol. 78, no. 4, ISSN 2286-3672, pp. 17 - 30, December 2016
51. Stefan, L., Moldoveanu, F., Gheorghiu, D. (2016). Evaluating a mixed-reality 3D Virtual Campus with Big Data and Learning Analytics: a transversal study. In *Journal of e-Learning and Knowledge Society*, vol. 12, no. 2, ISSN 1826-6223, pp. 41-54, April 2016
52. Bălan, O., Moldoveanu, A., Moldoveanu, F., Morar, A. (2016). From Game Design to Gamification and Serious Gaming – How Game Design Principles Apply to Educational Gaming. In *The 12th International Scientific Conference eLearning and Software for Education*, Bucharest. ISSN 2066-026X, pp. 333–341, April 2016
53. Petrescu, L., Morar, A., Moldoveanu, F., Moldoveanu, A. (2016). Kinect depth inpainting in real time. In *The 39th International Conference on Telecommunications and Signal Processing (TSP)*. ISBN 978-1-5090-1288-6, DOI: 10.1109/TSP.2016, pp. 697–700, September 2016, ISBN:978-1-5090-1288-6
54. Savin, C., Moldoveanu, A., Moldoveanu, F., Cojocaru, C. (2016). MLearning application for ecosystem services assessment on site. In *The 12th International Scientific Conference eLearning and Software for Education*, ISSN 2066-026X, April 2016, Vol. 1, pp 386-392
55. Voinea, A., Moldoveanu, F., Moldoveanu, A. (2016). Efficient Learning Technique in Medical Education Based on Virtual and Augmented Reality. In *Proceedings, 9th Annual International Conference of Education, Research and Innovation (ICERI2016)*. ISBN 978-84-617-5895-1, DOI: 10.21125/iceri.2, November 2016
56. I2016

Florin Pop and Ph.D. students

57. Stancu, F., Popa, D., Groza, L. M., Pop, F. (2016). Queuing-based processing platform for service delivery in big data environments. In *International Conference on Exploring Services Science* (pp. 497-508). *Lecture Notes in Business Information Processes* vol. 247, Springer International Publishing, ISBN:978-3-319-32689-4

Răzvan Rughiniș and Ph.D. students

58. Rughiniș, R., Rosner, D. (2016). What is it like to be an entrepreneur? A framework for analysing multivoicedness of meaning in gamified learning platforms. In *Proc. of The International Scientific Conference eLearning and Software for Education eLSE 2016* (Vol. 1, p. 223). "Carol I" National Defence University

Nicolae Țăpuș and Ph.D. students

59. Duta, C.-L., Gheorghe, L., Tapus, N. (2016). Real Time Collaborative Editing in Mobile Computing Environments. In *UPB Scientific Bulletin, Series C*. vol. 78, no. 1, pp. 3–16, 2016

Ștefan Trăușan-Matu and Ph.D. students

60. Alasfour A.A., Trausan-Matu, S. (2016). A New Approach for Multilingual Events Extraction (OraMEE), *UPB Scientific Bulletin, Seria C Inginerie Electrică și Știința Calculatoarelor*, Vol. 78, Iss. 1, 2016, pp. 57-72
61. Balint, M., Dascalu, M., & Trausan-Matu, S. (2016). Classifying Written Texts through Rhythmic Features. In *17th Int. Conf. on Artificial Intelligence: Methodology, Systems, and Applications (AIMSA 2016)* (pp. 121–129). Varna, Bulgaria: Springer
62. Balint, M., Dascalu, M., & Trausan-Matu, S. (2016). The Rhetorical Nature of Rhythm. In *15th Int. Conf. on Networking in Education and Research (RoEduNet)* (pp. 48–53). Bucharest, Romania: IEEE
63. Nistor, N., Dascălu, M., Stavarache L, Tarnai C. & Trăușan-Matu, Ș. (2016). Newcomer integration in online knowledge communities: Exploring the role of dialogic textual complexity. In C. K. Looi, J. L. Polman, U. Cress, & P. Reimann (Eds.), *Transforming Learning, Empowering Learners: The*

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 65. Mohammad Hamad Allaymoun, Stefan Trausan-Matu (2016) Analysis of the altruistic dimension of cscl chats, Roceanu, I; Dubois, D; Moldoveanu, F; et al. (eds.) The 12th International Scientific Conference eLearning and Software for Education Bucharest, Pages: 166-173
 66. Paraschiv, I. C., Dascalu, M., McNamara, D.S., Trausan-Matu, S. (2016). Finding the Needle in a Haystack: Who are the most Central Authors within a Domain? In K. Verbert, M. Sharples & T. Klobucar (Eds.), 11th European Conference on Technology Enhanced Learning (EC-TEL 2016) (pp. 632–635). Lyon, France: Springer
 67. Secui, A., Sirbu, M. D., Dascalu, M., Crossley, S. A., Ruseti, S., Trausan-Matu, S. (2016). Expressing Sentiments in Game Reviews. In 17th Int. Conf. on Artificial Intelligence: Methodology, Systems, and Applications (AIMSA 2016) (pp. 352–355). Varna, Bulgaria: Springer
 68. S. Denisleam (Molomer), S. Trausan-Matu, Analysis of disfluency in audio and chat transcripts, 20th IEEE International Conference on System Theory, Control and Computing – ICSTCC 2016, Sinaia, Romania, pp.174-179
 69. S. Denisleam (Molomer), S. Trausan-Matu, Automatic Analysis of pauses in collaborative learning chats, In Roceanu, I; Dubois, D; Moldoveanu, F; et al. (eds.) The 12th Int. Conf. on eLearning and software for Education (eLSE 2016), Bucharest, Romania, Pages: 289-296
 70. Spoiala, M.N., Rinciog, O., Posea, V. (2016). The Semantic Representation of Open Data Regarding the Romanian Companies Conference, in 15th RoEduNet Conference Networking in Education and Research, Bucharest
 71. Rinciog, O., Posea, V. (2016). LODRO: Using Cultural Romanian Open Data to Build New Learning Applications, in 12th International Scientific Conference on eLearning and Software for Education (eLSE), Bucharest, VOL I Book Series: eLearning and Software for Education, Pages: 267-274, 2016

A2. Articles in journals and proceedings volumes of conferences, indexed in other data bases

Authors in the doctorate domain System Engineering

Cătălin Buiu and Ph.D. students

1. Petre, I.O., Buiu, C. (2016). Microarray gene expression analysis using R, Proceedings 5th International Conference on Advancements of Medicine and Health Care through Technology, Cluj-Napoca, October 2016, ISBN 978-3-319-52875-5
2. Florea, A.G., Buiu, C. (2016). Synchronized dispersion of robotic swarms using XP colonies, Proceedings of the 8th International Conference on Electronics, Computers, and Artificial Intelligence ECAI'16, Ploiești, ISBN 978-1-5090-2046-1

Bogdan Dumitrescu and Ph.D. students

3. T. Cioaca, B. Dumitrescu, M. Stupariu (2016). Combined Quadric Error Metric and Lifting Scheme Multivariate Model Simplification, Scientific Bulletin University Politehnica of Bucharest, Series C, vol.78, no.3, p.51-62, 2016
4. B. Dumitrescu, P. Irofti (2016). Low Dimensional Subspace Finding via Size-Reducing Dictionary Learning, Proc. Int. Workshop Machine Learning for Signal Processing, Salerno, Italy, Sep. 2016
5. P. Irofti, B. Dumitrescu (2016). Overcomplete Dictionary Learning with Jacobi Atom Updates, Proc. Int. Conf. Telecommunications Signal Processing, Vienna, Austria, June 2016.
6. P. Irofti, B. Dumitrescu (2016). Regularized Algorithms for Dictionary Learning, Proc. Int. Conf. Communications, Bucharest, Romania, p.439-442, June 2016

Sergiu Stelian Iliescu and Ph.D. students

7. M.A. Ionescu (2016). Islanding detection methods used for PV systems applications, – 13th Edition of WEC Central & Eastern Europe Regional Energy Forum – FOREN 2016
8. M. Ionescu, G. Presada (2016). Voltage regulation by grid-connected PV systems effects on distribution network operation, CIGRE Regional East European Conference, 2016
9. D. ILISIU, F. BALASIU, E.-D. DINU (Firica) (2016). Monitoring, operation and control solutions in the process of renewable energy source integration – Transelectrica's experience, CIGRE Science & Engineering 2016, Paris

10. E.-D.DINU (Firica), C. TUDOR, D. ILISIU (2016). Voltage control in a network area using voltage-reactive power control loops of wind and photovoltaic power plants, WEC Central & Eastern Europe Regional Energy Forum – FOREN 2016

Ion Necoară and Ph.D. students

11. Necoara, A. Patrascu, F. Glineur, Complexity of first order inexact Lagrangean and penalty methods for conic convex programming, invited paper in session "First order methods for convex optimization problems", Proc. of European Conference on Operational Research, 2016.

Dan Popescu and Ph.D. students

12. O. Chenaru, D. Popescu, D. Enache (2016). Practical Fault Management Using Real-Time Decision Tree Analysis, Proc. 24th Mediterranean Conference on Control and Automation (MED), June 21-24, 2016, Athens, Greece, pp.384-389
13. S. Dobrescu, O. Chenaru, N. Matei, L. Ichim, D. Popescu (2016). A Service Oriented System of Reusable Algorithms for Distributed Control of Petroleum Facilities in Onshore Oilfields, Proc. 8th Edition ECAI 2016 – International Conference on Electronics, Computers and Artificial Intelligence, 30 June -02 July, 2016, Ploiesti, România, pp.1-5
14. A.L. Sumalan, D. Popescu, L. Ichim (2016). Flood Evaluation in Critical Areas by UAV Surveillance, Proc. 8th Edition ECAI 2016 International Conference on Electronics, Computers and Artificial Intelligence, 30 June -02 July, 2016, Ploiesti, România, pp.1-6
15. T. Caramihale, D. Popescu, L. Ichim (2016). Detection of Regions of Interest in Retinal Images Using Artificial Neural Networks and K-means Clustering, Proc. ICECom 2016, Dubrovnik, Croatia, 19-21 Sept. 2016
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17. D. Popescu, L. Ichim, D. Gornea, F. Stoican (2016). Complex Image Processing Using Correlated Color Information, Proceedings 17th International Conference, ACIVS 2016, Lecce, Italy, October 24–27, 2016, Lecture Notes in Computer Science 10016, pp. 723-734
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19. A. Sumalan, D. Popescu, L. Ichim (2016). Flooded area detection using UAV images, Proc. 24th Telecommunications forum TELFOR 2016, Serbia, Belgrade, November 22-23, 2016

Dan Ștefănoiu and Ph.D. students

20. Ștefănoiu, D., Barrio, A.-M., Stoica, A.-M., Constantinescu, C., Cimpoesu, E.-M., Danciu, A. (2016), A RST Design Approach for the Launchers Flight Control System (E), Proc. 6th International Conference on Astrodynamics Tools and Techniques – ICATT-2016, Darmstadt, Germany, pp. 32-37, March 14–17, 2016

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21. Enache, A.C., Sgarciu, V. (2016). Designing real-time anomaly intrusion detection through artificial immune systems, Proc. European Conference on Information Warfare and Security, ECCWS, 2016
22. Dobrin. A., Stamatescu, G., Dragana, C., Sgarciu, V. (2016). Cloud challenges for networked embedded systems: A review, Proc. 20th International Conference on System Theory, Control and Computing (ICSTCC), 2016, p. 866 – 871, DOI: 10.1109/ICSTCC.2016.7790777, IEEE Conference Publications

Authors in the doctorate domain Computers and Information Technology

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23. Dincu, E. Apostol, C. Leordeanu, M. Mocanu, D. Huru (2016). Real-time processing of Heterogeneous Data in Sensor-based Systems, Published in The 7-th International Workshop on Autonomic Distributed Systems (ADIS), July 2016

24. C. Gosman, T. Cornea, C. Dobre, F. Pop, A. Castiglione (2016). Controlling and Filtering users data in Intelligent Transportation System, in Special Issue on Security and Privacy Issues in Fog Computing, ScienceDirect, Elsevier 2016
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27. X. Koulouri, C. Ifrim, M. Wallace, F. Pop (2016). Making sense of citations, 2nd International KEYSTONE Conference (IKC 2016), Cluj-Napoca Romania, 8-9 Septembrie 2016
28. C. Chilipirea, A.-C. Petre, C. Dobre, F. Pop, G. Suci, A simulator for opportunistic networks, Concurrency and Computation Practice and Experience, cpe.3814, 2016
29. V.I. Nistorica, C. Chilipirea, C. Dobre, How many people are needed for a crowdsensing campaign?, IEEE Intelligent Computer Communication and Processing (ICCP), pp.353-358, Cluj-Napoca, Romania, September 2016
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32. A. Pintilie, E. Apostol, C. Dobre, Service Based Infrastructure for Healthcare Information Analysis, in Proc. of 4th International Black Sea Conference on Communications and Networking (IEEE BlackSeaCom), Varna, Bulgaria, June 2016
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