

# Articole științifice publicate în 2016

## A1. Articole în reviste și în volume proceedings de conferințe, indexate ISI

### Autori în domeniul de doctorat Ingineria Sistemelor

#### Theodor Borangiu și doctoranzii

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#### Cătălin Buiu și doctoranzii

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#### Ioan Dumitrache și doctoranzii

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
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#### Bogdan Dumitrescu și doctoranzii

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
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### **Florin Gheorghe Filip și doctoranzii**

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
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### **Sergiu Stelian Iliescu și doctoranzii**

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### **Ion Necoară și doctoranzii**

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
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### **Cristian Oară și doctoranzii**

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### **Dumitru Popescu și doctoranzii**

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
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### **Valentin Sgârciu și doctoranzii**

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#### **Valentin Cristea și doctoranzii**

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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
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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
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#### **Ciprian Dobre și doctoranzii**

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#### **Florica Moldoveanu și doctoranzii**

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
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#### **Florin Pop și doctoranzii**

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#### **Nicolae Țăpuș și doctoranzii**

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## **A2. Articole în reviste și în volume proceedings de conferințe, indexate în alte baze de date**

### **Autori în domeniul de doctorat Ingineria Sistemelor**

#### **Cătălin Buiu și doctoranzii**

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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 și doctoranzii**

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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
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#### **Sergiu Stelian Iliescu și doctoranzii**

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### **Ion Necoară și doctoranzii**

11. Necoara, A. Patrascu, F. Glineur, Complexity of first order inexact Lagrangian 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.

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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
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