

# Departamentul de Calculatoare si Tehnologia Informatiei

## Facultatea de Automatica, Calculatoare si Electronica

### Universitatea din Craiova

## Anexa la Raportul anual 2016

### A. Cărți și capitole de carte

1. Anca Udristoiu, Stefan Udristoiu, Discovering Interesting Patterns in an e-Learning System, Chapter 2016, DOI: 10.1007/978-981-287-868-7\_51 In book: State-of-the-Art and Future Directions of Smart Learning, pp.423-432
2. Andrei Mocanu, FanFrancesca ToniMatthew Williams, Jiarong Chen, "Online Argumentation-Based Platform for Recommending Medical Literature." Combinations of Intelligent Methods and Applications. Springer International Publishing, 2016. 97-115
3. Paul-Stefan Popescu, Mihai Mocanu, Costel Ionașcu, Marian Cristian Mihaescu. Design of an Advanced Smart Forum for Tesys e-Learning Platform, in book: Artificial Intelligence Applications and Innovations, Volume 475, 2016 of the series IFIP Advances in Information and Communication Technology, pp 305-316 , DOI:10.1007/978-3-319-44944-9\_26, Print ISBN 978-3-319-44943-2, Online ISBN 978-3-319-44944-9
4. Popescu, E., Kinshuk, Khribi, M.K., Huang, R., Jemni, M., Chen, N.-S., Sampson, D.G. (Eds.), Innovations in Smart Learning, Lecture Notes in Educational Technology, Springer, ISBN: 978-981-10-2419-1, 2016

### B. Articole în jurnale ISI

1. Dejan Mitrovic, Mirjana Ivanovic, Rafael H. Bordini, Costin Badica: Jason Interpreter, Enterprise Edition, Informatica-Journal of Computing and Informatics, Volume: 40 Issue: 1 Pages: 19-27, 2016. <http://www.informatica.si/index.php/informatica/article/view/1167/845>, WOS:000375125100003
2. Amelia Badica, Costin Badica: Formal framework for distributed swarm computing: abstract model and properties, Soft Computing, Springer, 2016, <http://dx.doi.org/10.1007/s00500-016-2381-x>
3. Q. Li, R. Lau, E. Popescu, Y. Rao, H. Leung, X. Zhu, Social Media for Ubiquitous Learning and Adaptive Tutoring. IEEE MultiMedia, vol. 23(1), pp. 18-24, 2016, WOS:000372354200003

4. Brezovan, M., L. Stanescu, E. Ganea, Expressing GMoDS Models into Object-Oriented Models Using the Event-B Language, Informatica-Journal of Computing and Informatics, Volume 40. Issue 1, Pages: 29-42, 2016, ISSN: 0350-5596, WOS:000375125100004

### **C. Articole in jurnale BDI**

1. C. Giovannella, D. Andone, M. Dascalu, E. Popescu, M. Rehm, G. Roccasalva, Smartness of Learning Ecosystems and its bottom-up emergence in six European Campuses. Interaction Design and Architecture(s) Journal (IXD&A), vol. 27, pp. 79-92, 2016 [Scopus, DBLP]

2. Cojocaru, D., Spikol, D., Friesel, A., Cukurova, M., Valkanova, N., Rovida, R., Tanasie, R. T., 2016, Prototyping Feedback for Technology Enhanced Learning, International Journal of Education and Information Technologies, ISSN: 2074-1316, Volume 10, Pages: 144-151 (SCOPUS)

### **D. Articole în conferințe ISI**

1. Brezovan, M., L. Stanescu, Modeling Dynamic Systems with High-Level Petri Nets with Object-Orientation, International Symposium on Innovations in Intelligent Systems and Applications (INISTA), Sinaia, Romania, Aug. 02-05, 2016, ISBN:978-1-4673-9910-4, WOS:000386824000026

2. Burdescu, D.D., L. Stanescu, M. Brezovan, C. Stoica, D. Ebanca, A Method for Image Processing from Planar Color Images, 3rd International Conference on Control, Decision and Information Technologies (CoDIT), St Pauls Bay, Malta, Apr. 06-08, 2016, pp. 158-163, ISBN:978-1-5090-2188-8, WOS:000386533900029

### **E. Articole în conferințe BDI**

1. Cosmin Marian Poteraș, Mihai Mocanu: Evaluation of an Optimized K-Means Algorithm Based on Real Data, Proceedings of the Federated Conference on Computer Science and Information Systems pp. 831–835, DOI: 10.15439/2016F231 ACSIS, Vol. 8. ISSN 2300-5963

2. Constantinov Calin, Poteras Cosmin, Mocanu Mihai: Performing real-time social recommendations on a highly-available graph database cluster – 17th International Carpathian Control Conference (ICCC), 2016, Electronic ISBN: 978-1-4673-8606-7 <http://ieeexplore.ieee.org/document/7501078/>

3. Amelia Badica, Costin Badica, Mirjana Ivanovic, Ionut Buligiu: Collective Profitability and Welfare in Selling-Buying Intermediation Processes. 8th International Conference Computational Collective Intelligence ICCCI (Part II), Lecture Notes in Computer Science, vol. 9876, 14-24, Springer, 2016. [http://dx.doi.org/10.1007/978-3-319-45246-3\\_2](http://dx.doi.org/10.1007/978-3-319-45246-3_2)

4. Mirjana Ivanovic, Jovana Ivkovic, Milan Vidakovic, Nikola Luburic, Costin Badica: Fault-Tolerance in XJAF Agent Middleware. 8th International Conference Computational Collective

Intelligence ICCCI (Part II), Lecture Notes in Computer Science, vol. 9876, 25-34, Springer, 2016. [http://dx.doi.org/10.1007/978-3-319-45246-3\\_3](http://dx.doi.org/10.1007/978-3-319-45246-3_3)

5. Mirjana Ivanovic, Marcin Paprzycki, Maria Ganzha, Costin Badica, Amelia Badica: Software Metrics for Agent Technologies and Possible Educational Usage. Proceedings of the Fifth Workshop on Software Quality Analysis, Monitoring, Improvement, and Applications, SQAMIA 2016. CEUR Workshop Proceedings, vol. 1677, 17-27, 2016. URL: <http://ceur-ws.org/Vol-1677/paper03.pdf>

6. Amelia Badica, Costin Badica, Marius Brezovan, and Mirjana Ivanovic: Simulation of Dynamic Systems Using BDI Agents: Initial Steps. Intelligent Distributed Computing X. Studies in Computational Intelligence 678, pp. 23-33, Springer, (2016), DOI: [http://dx.doi.org/10.1007/978-3-319-48829-5\\_3](http://dx.doi.org/10.1007/978-3-319-48829-5_3)

7. Florin Leon, Costin Badica: A comparison between Jason and F# programming languages for the enactment of business agents, 2016 International Symposium on INnovations in Intelligent SysTems and Applications (INISTA), article 22, IEEE, (2016) DOI: <http://dx.doi.org/10.1109/INISTA.2016.7571841>

8. Andrei Mocanu, Costin Bădică: Paxos-based weighted argumentation framework approach to distributed consensus, 2016 International Symposium on INnovations in Intelligent SysTems and Applications (INISTA), article 25, IEEE, (2016) DOI: <http://dx.doi.org/10.1109/INISTA.2016.7571844>

9. Amelia Bădică, Costin Bădică, Maria Ganzha, Mirjana Ivanovic, and Marcin Paprzycki: Experiments with Multiple BDI Agents with Dynamic Learning Capabilities. In: Javier Bajo, María J. Escalona, Sylvain Giroux, Patrycja Hofa-Dąbrowska, Vicente Julián, Paulo Novais, Nayat Sánchez-Pi, Rainer Unland, Ricardo Azambuja-Silveira (Eds.): Highlights Practical Applications of Scalable Multi-Agent Systems - The PAAMS Collection, International Workshops of PAAMS 2016, Workshop on Decision Making in Dynamic Information Environments (DeMaDIE), Communications in Computer and Information Science 616, pp. 274-286, Springer, (2016) [http://dx.doi.org/10.1007/978-3-319-39387-2\\_23](http://dx.doi.org/10.1007/978-3-319-39387-2_23)

10. Amelia Bădică, Costin Bădică, Florin Leon, Ionuț Buligiu: Modeling and Enactment of Business Agents Using Jason, In: Proc. 9th Hellenic Conference on Artificial Intelligence, SETN '16, 10:1-10:10, ACM, (2016) <http://dx.doi.org/10.1145/2903220.2903253>

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14. Florentin-Alin Butu, Romulus Lungu, Lucian-Florentin Bărbulescu: „Adaptive flight control for a launch vehicle based on the concept of dynamic inversion”, 20th International Conference on System Theory, Control and Computing, Proceedings, Sinaia, Palace Hotel, Romania, 13-15 Oct. 2016, ISBN: 978-1-5090-2720-0, DOI: 10.1109/ICSTCC.2016.7790768 IEEE Explore

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18. Lucian, L., Mocanu, A., Becheru, A., Automated Negotiation Framework for the Transport Logistics Service. 18th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, 24 - 27 September 2016.

19. Luc, R. J., Paul, R. J., Mahatody, T., & Becheru, A. (2016, October). Semantic aspect derivation of the Praxème methodology from the elaborate lexicon extended language. In System Theory, Control and Computing (ICSTCC), 2016 20th International Conference on (pp. 842-847). IEEE.

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