

Departamentul de Calculatoare si Tehnologia Informatiei

Facultatea de Automatica, Calculatoare si Electronica

Universitatea din Craiova

Anexa la Raportul anual 2018

A. Cărți și capitole de carte: 7

1. Maiga Chang, Popescu Elvira, Kinshuk, Nian-Shing Chen, Mohamed Jemni, Ronghuai Huang, J. Michael Spector (eds.): Challenges and Solutions in Smart Learning (edited proceedings), Springer, ISBN: 978-981-10-8742-4, 2018
2. Hendrik Knoche, Popescu Elvira, Antonio Cartelli (eds.): The Interplay of Data, Technology, Place and People for Smart Learning (edited proceedings), Springer, ISBN: 978-3-319-92021-4, 2018
3. Tania Di Mascio, Popescu Elvira, Pierpaolo Vittorini, Rosella Gennari, Fernando De la Prieta, Sara Rodríguez, Marco Temperini, Ricardo Azambuja Silveira, Loreto Lancia (Eds.): Methodologies and Intelligent Systems for Technology Enhanced Learning, 8th International Conference (edited proceedings), Springer, ISBN: 978-3-319-98871-9, 2018
4. Mihaescu Cristian, Applied Computational Intelligence and Soft Computing in Engineering / Machine Learning Data Analysis for On-Line Education Environments: A Roadmap to System Design, IGI Global, ISBN: 1522531297, 2018
5. Brezovan Marius, Badica Costin, Synergies Between Knowledge Engineering and Software Engineering / Using the Event-B Formal Method and the Rodin Framework for Verification the Knowledge Base of a Rule-Based Expert System, Springer, ISBN: 978-3-319-64160-7, 2018
6. Mirjana Ivanović, Costin Bădică, Jürgen Dix, Zoran Jovanović, Michele Malgeri, Miloš Savić eds.), Intelligent Distributed Computing XI, Studies in Computational Intelligence 737, Springer 2018 DOI: <http://dx.doi.org/10.1007/978-3-319-66379-1>
7. Rajendra Akerkar, Mirjana Ivanovic, Sang-Wook Kim, Yannis Manolopoulos, Riccardo Rosati, Milos Savic, Costin Badica, Milos Radovanovic (eds.). Proceedings of the 8th International Conference on Web Intelligence, Mining and Semantics, WIMS 2018, Novi Sad, Serbia, June 25-27, 2018. ACM 2018, ISBN 978-1-4503-5489-9, <https://dl.acm.org/citation.cfm?id=3227609>

B. Articole în jurnale ISI: 3

1. Mihaescu Cristian, Popescu Stefan, Mocanu Mihai-Lucian (2018). Generic Approach for Interpretation of PCA Results-Use Case on Learner's Activity in Social Media Tools, *Advances in Electrical and Computer Engineering*, vol. 18(2), ISSN: 1582-7445, WOS:000434245000004 [IF=0.669]
2. Popescu Elvira, Florin Leon (2018). Predicting Academic Performance Based on Learner Traces in a Social Learning Environment, *IEEE Access*, vol. 6, pp. 72774 - 72785, Springer, ISSN: 2169-3536, 2018. [IF: 3.557], WOS:000453716200001
3. Amelia Bădică, Costin Bădică, Mirjana Ivanović, Daniela Dănciulescu. Multi-agent modelling and simulation of graph-based predator-prey dynamic systems: A BDI approach. *Expert Systems*, 35(5). Wiley, ISSN: 1468-0394, 2018, [IF=1.43], WOS:000446560700002

C. Articole in jurnale BDI: 2

1. Alex Becheru, Popescu Elvira, Andreea Calota (2018). Analyzing Students' Collaboration Patterns in a Social Learning Environment Using StudentViz Platform, *Smart Learning Environments*, vol. 5, pp. 1-18, ISSN: 2196-7091.
2. Stanescu Liana, Brezovan Marius, Stoica-Spahiuc Cosmin (2018). Framework for Mapping the Mysql Databases to MongoDB – Algorithm, Implementation and Experiments Romanian, *International Journal of Computer Science and Applications*, vol. 15(1), pp. 65-82, ISSN: 0972-9038

D. Articole în conferințe ISI: 5

1. Nicolae Petre Marian, Marinescu Radu, Marinescu (Maria) Cristina, Nicolae Marian Stefan, Nicolae Ileana-Diana, Harmonics Induced by Inverters from a Photovoltaic Plant in the Power Grid, *Proceedings of Joint 60th IEEE International Symposium on Electromagnetic Compatibility (EMC) / IEEE Asia-Pacific Symposium on Electromagnetic Compatibility (APEMC)*, pp. 821-826, ISBN: 978-1-5090-5997-3, 2018
2. Nicolae Petre Marian, Marinescu Radu, Marinescu (Maria) Cristina, Nicolae Marian Stefan, Nicolae Ileana-Diana, About the Immunity of the Equipment used to Monitor the Units of Power Transformers, *Proceedings of Joint 60th IEEE International Symposium on Electromagnetic Compatibility (EMC) / IEEE Asia-Pacific Symposium on Electromagnetic Compatibility (APEMC)*, pp. 1319-1324, ISBN: 978-1-5090-5997-3, 2018
3. Nicolae Petre Marian, Nicolae Marian Stefan, Nicolae Ileana-Diana, Sacerdotianu Dumitru, Nicolescu Paul, Diminishing the Conducted Emissions at a Monitoring and Diagnosis Equipment, *Proceedings of 2018 IEEE Symposium on Electromagnetic Compatibility, Signal Integrity and Power Integrity (EMC, SI & PI)*, pp. 339-344, ISBN: 978-1-5386-6621-0, 2018

4. Nicolae Petre Marian, Nicolae Marian Stefan, Nicolae Ileana-Diana, Dealing with the Supplying of a Three-phase Load with Nonsinusoidal and Nonsymmetrical Voltages at Low Voltage, Proc. of 12th IEEE International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG), pp. 1-6, ISBN: 978-1-5386-2508-8, 2018

5. Nicolae Petre Marian, Nicolae Ileana-Diana, Voicu Viorica, Patru Ion, Mihalcea Ilie, On Radiated and Conducted Disturbances of a Crane Safety Equipment, Proc. of 12th IEEE International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG), pp. 1-7, ISBN: 978-1-5386-2508-8, 2018

E. Articole în conferințe BDI: 27

1. Marinescu Radu, Nicolae Petre Marian, Nicolae Ileana-Diana, Marinescu (Maria) Cristina, Popescu Marcela, Experimental Setup for the Evaluation of the Duty Cycle Influence over the Distorting Regime, Proceedings 2018 IEEE 18th International Conference on Power Electronics and Motion Control (PEMC), pp. 914-919, IEEE, ISBN: 978-1-5386-4197-2, 2018

2. Colhon Mihaela, Badica Costin, Experimental Setup for the Evaluation of the Duty Cycle Influence over the Distorting Regime, Intelligent Distributed Computing XII, vol.798, pp. 425-435, ISBN: 978-1-5386-4197-2, 2018

3. Popescu Marcela, Nicolae Marian Stefan, Popescu Paul, Nicolae Ileana-Diana, Marinescu Radu, Nicolae Petre Marian, A Jerk Model with Friction for the Speed Produced by an Induction Motor Drive System, 2018 International Conference on Applied and Theoretical Electricity (ICATE), pp. 1-6, ISBN: 978-1-5386-3806-4, IEEE, 2018

4. Mihaescu Cristian, Radu AbuRas, Gabriel Turcu, Ilkka Kosunen, Peak Alpha Based Neurofeedback Training Within Survival Shooter Game, International Conference on Intelligent Data Engineering and Automated Learning, ISBN: 978-3-030-03492-4, 2018

5. Mihaescu Cristian, Marius Andrei Ciurez, Improved Architectural Redesign of MTree Clusterer in the Context of Image Segmentation, International Conference on Intelligent Data Engineering and Automated Learning, ISBN: 978-3-030-03492-4, 2018

6. Mihaescu Cristian, Radu Albastroiu, Anisia Iova, Filipe Gonçalves, Paulo Novai, An e-Exam Platform Approach to Enhance University Academic Student's Learning Performance, International Symposium on Intelligent and Distributed Computing, ISBN: 978-3-319-99625-7, 2018

7. Popescu Stefan, Mihaescu Cristian, Dragos-Daniel Iordache, Costin Pribeanu, International Conference on Human-Computer Interaction, pp. 38-41, ISSN: 2501-9422, 2018

8. Popescu Stefan, Ionascu Costel, Mihaescu Cristia, Exploring the Perceived Usefulness and Attitude Towards Using Tesys e-Learning Platform, International Conference on Intelligent Data Engineering and Automated Learning, pp. 261-268, ISBN: 978-3-030-03493-1, 2018
9. Oana-Maria Teodorescu, Popescu Stefan, Mihaescu Cristian, Taking e-Assessment Quizzes - A Case Study with an SVD Based Recommender System, International Conference on Intelligent Data Engineering and Automated Learning, pp. 829-837, ISBN: 978-3-030-03492-4, 2018
10. Mihaela Ilie, Ilie Sorin, Applying Game Theory Economics to Clean Renewable Energy Source Implementation in Urban Areas, Applied and Theoretical Electricity, pp. 1-6, ISBN: 978-1-4673-8562-6, 2018
11. Alex Becheru, Popescu Elvira, Andreea Calota, StudentViz: A Tool for Visualizing Students' Collaborations in a Social Learning Environment, Challenges and Solutions in Smart Learning, Lecture Notes in Educational Technology, pp. 77-86, ISBN: 978-981-10-8742-4, 2018
12. Simone Papandrea, Popescu Elvira, Andrea Sterbini, Marco Temperini, Q2A-I: A Support Platform for Computer Programming Education, Based on Automated Assessment and Peer Learning, Proceedings ICWL 2018, Lecture Notes in Computer Science, vol. 11007, pp. 3-13, ISBN: 978-3-319-96564-2, 2018
13. Florentina Condrea, Popescu Elvira, Luca Cuoco, Tony-Alexandru Dincu, Andrea Sterbini, Marco Temperini, Pragmatic Game Authoring Support for an Adaptive Competence-Based Educational System, Proceedings MIS4TEL 2018, Advances in Intelligent Systems and Computing, vol. 804, pp. 230-238, ISBN: 978-3-319-98871-9, 2018
14. Gabriel Badea, Popescu Elvira, Andrea Sterbini, Marco Temperini, A Service-Oriented Architecture for Student Modeling in Peer Assessment Environments, Proceedings SETE 2018, Lecture Notes in Computer Science, vol. 11284, pp. 32-37, ISBN: 978-3-030-03579-2, 2018
15. Nicolae Petre Marian, Nicolae Marian Stefan, Smarandescu Ionut Daniel, Nicolae Ileana-Diana, The Designing and Implementation of a New Equipment to Improve the Functionality of a Power Group, Proceedings of 2018 IEEE Power & Energy Society General Meeting (PESGM), pp. 1-5, ISBN: 978-1-5386-7704-9, 2018
16. Nicolae Petre Marian, Nicolae Marian Stefan, Nicolae Ileana-Diana, The Increasing of Energy Efficiency in Excitation Circuit from a Large Power Generator, Proceedings of 2018 IEEE Power & Energy Society General Meeting (PESGM), pp. 1-5, ISBN: 978-1-5386-7704-9, 2018
17. Nicolae Ileana-Diana, Nicolae Petre Marian, Marinescu Radu, Evaluating the Non-sinusoidal and Non-symmetric Regimes from a Railway Supplying Substation, Proceedings of IPEC 2018, Niigata, Japan, pp. 1-6, ISBN: 978-4-88686-405-5, 2018

18. Nicolae Ileana-Diana, Behavior of a Collection of Computers With Respect to the Three-Phase Supplying Network, Proceedings of EMC & SIPI, Long Beach, pp. 1-24, ISBN: 978-1-5386-6622-7, 2018
19. Nicolae Ileana-Diana, Nicolae Petre Marian, Enache George Cristian, Scarlatescu Lucian Cristian, Dealing with Distortions Affecting the Equipment for Hydrogen Generation in a Power Plant, Proceedings of PEMC 2018, Budapest, Hungary, pp. 900 – 905, ISBN: 978-1-5386-4198-9, 2018
20. Stoica-Spahiu Cosmin, Improving Driver Warnings Accuracy Using Low-Cost Sensors, Proceedings of the 2018 International Carpathian Control Conference, pp. 377-382, ISBN: 978-1-5386-4762-2, 2018
21. Mirjana Ivanovic, Jovana Ivkovic, Milan Vidakovic, Costin Badica, Fault-Tolerance in XJAF Agent Middleware. Trans. Computational Collective Intelligence 30: Lecture Notes in Computer Science, vol 11120. 223-241 Springer, Cham (2018) DOI: 10.1007/978-3-319-99810-7_11 [Springerlink,DBLP]
22. Gia Thuan Lam, Kristiyan Balabanov, Doina Logofatu, Costin Badica. Novel Nature-Inspired Selection Strategies for Digital Image Evolution of Artwork. Proc. International Conference on Computational Collective Intelligence, ICCCI (2) 2018, Lecture Notes in Computer Science, vol 11056, Springer 499-508 doi: https://doi.org/10.1007/978-3-319-98446-9_47 [DBLP,Scopus,Springerlink]
23. Amelia Badica, Costin Badica, Mirjana Ivanovic, Doina Logofatu: Collective Profitability of DAG-Based Selling-Buying Intermediation Processes. IDC 2018: 414-424
24. Mihaela Colhon, Costin Badica: Knowledge-Based Metrics for Document Classification: Online Reviews Experiments. IDC 2018: 425-435
25. Amelia Badica, Costin Badica, Daniela Danciulescu, Doina Logofatu. Greedy Heuristics for Automatic Synthesis of Efficient Block-Structured Scheduling Processes from Declarative Specifications. 14th IFIP WG 12.5 International Conference on Artificial Intelligence Applications and Innovations - AIAI 2018: 183-195, IFIP Advances in Information and Communication Technology 519, (2018) https://doi.org/10.1007/978-3-319-92007-8_16
26. Amelia Badica, Costin Badica, Ion Buligiu, Liviu Ciora. DEVS Modeling and Simulation Using BDI Agents: Preliminary Considerations. Proceedings of the 8th International Conference on Web Intelligence, Mining and Semantics, WIMS 2018: 42:1-42:8, ACM (2018), <http://doi.acm.org/10.1145/3227609.3227681> [DBLP, Scopus, ACM]
27. Kristiyan Balabanov, Doina Logofatu, Costin Badica, Florin Leon. A Simulation-Based Analysis of Interdependent Populations in a Dynamic Ecological Environment. AIAI 2018: 437-448, IFIP Advances in Information and Communication Technology 519, (2018) https://doi.org/10.1007/978-3-319-92007-8_37 [DBLP, Scopus, Springerlink]

E. Articole în conferințe internaționale neindexate: 3

1. Barbulescu Lucian-Florentin, Butu Alin Florentin, Mamuleanu Madalin, Scortan Sorin, Thierry Ceolin, Roberto Alacevich, Jonathan Grzymisc, OrbiPro – a toolbox for accurate orbit propagation, 2018 SpaceOps Conference, 2018
2. Maxime S. Journot, Barbulescu Lucian-Florentin, Nicolas Frouvelle, Cosmin I. Udroi, Oana M. Hogoiu, Maria Teodorescu, Alexandre Janer, Pol Sola Romeu, Modular Orekit-based Flight Dynamics Software, 2018 SpaceOps Conference, 2018
3. Mihai Dana, Mocanu Mihai-Lucian, A Practical Comparison on GIS Data of Two Data Mining Algorithms, 2nd European Conference on Electrical Engineering and Computer Science (EECS 2018), 2018

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