

Departamentul de Calculatoare si Tehnologia Informatiei
Facultatea de Automatica, Calculatoare si Electronica
Universitatea din Craiova

Anexa la Raportul anual 2019

A. Cărți și capitole de carte: 4

1. Igor V. Kotenko, Costin Badica, Vasily Desnitsky, Didier El Baz, Mirjana Ivanovic: Intelligent Distributed Computing XIII, 13th International Symposium on Intelligent Distributed Computing, IDC 2019, St. Petersburg, Russia, 7-9 October, 2019. Studies in Computational Intelligence 868, Springer 2020, ISBN 978-3-030-32257-1
2. E. Popescu, A. Belén Gil, L. Lancia, L. Simona Sica, A. Mavroudi (Eds.), Methodologies and Intelligent Systems for Technology Enhanced Learning, 9th International Conference, Workshops, Advances in Intelligent Systems and Computing, vol. 1008, Springer, 2019.
3. M. Chang, E. Popescu, Kinshuk, N.S. Chen, M. Jemni, R. Huang, J. M. Spector, D. G. Sampson (Eds.), Foundations and Trends in Smart Learning, Lecture Notes in Educational Technology, Springer, ISBN: 978-981-13-6907-0, 2019.
4. L Stanescu, M Brezovan, Original E-Assessment Methods, Handbook of Research on E-Assessment in Higher Education, 170-194 IGI Global, capitol carte, 2019

B. Articole în jurnale ISI: 2 (IF=2.759)

1. Florin Leon, Costin Bădică, Expressing multiagent coalition structure problems for optimisation by quantum annealing. Enterprise IS 13(7-8): 959-978 (2019), <https://doi.org/10.1080/17517575.2018.1552993> (ISI, IF=2.122)
2. Amelia Bădică, Costin Bădică, Mirjana Ivanović, Doina Logofătu. Collective profitability in semi-competitive intermediation networks. Journal of Intelligent & Fuzzy Systems, 37(6): 7357-7368 (2019). <https://doi.org/10.3233/JIFS-179345> (ISI, IF=1.637)

C. Articole in jurnale BDI: 13

1. M. Chang, E. Popescu, Kinshuk, N.S. Chen, M. Jemni, R. Huang, J. M. Spector, D. G. Sampson (Eds.), Foundations and Trends in Smart Learning, Lecture Notes in Educational Technology, Springer, ISBN: 978-981-13-6907-0, 2019 (SpringerLink)
2. Stanescu, Liana , Brezovan, Marius. Stoica Spahiu, Cosmin , (2019). MONGODB VS. SQL SERVER IN MEDICAL APPLICATIONS. 38-54, International Journal of Computer Science and Applications (Scopus)

3. Anca Udristoiu, Lucian Gruionu, Gabriel Gruionu, Andreea Iacob, Daniela Burtea, Bogdan Ungureanu, Madalin Costache, Carmen Popescu, Adrian Saftoiu. Real-Time Differential Diagnosis of Focal Pancreatic Masses Based on Convolutional Neural Networks and Advanced Endoscopic Ultrasound Imaging Combining Gray-Scale, Color Doppler, Contrast-Enhancement and Elastography, 2019. *Gastrointestinal Endoscopy* 89(6):AB80. DOI: 10.1016/j.gie.2019.04.059 (Scopus)
4. Costin Bădică, Milan Vidakovic, Sorin Ilie, Mirjana Ivanovic, Jovana Vidakovic, Role of Agent Middleware in Teaching Distributed Systems and Agent Technologies. *CIT* 27(1): 25-42 (2019), <http://doi.org/10.20532/cit.2019.1004464> (SpringerLink)
5. E. Popescu, A. Belén Gil, L. Lancia, L. Simona Sica, A. Mavroudi (Eds.), *Methodologies and Intelligent Systems for Technology Enhanced Learning*, 9th International Conference, Workshops, *Advances in Intelligent Systems and Computing*, vol. 1008, Springer, 2019 (SpringerLink)
6. Irina, Cazacu, Anca Udristoiu, Lucian Gruionu, Andreea Iacob, Gabriel Gruionu, Adrian Saftoiu. Artificial intelligence in pancreatic cancer: Toward precision diagnosis.2019. *EUS Journal*. DOI: 10.4103/eus.eus_76_19 (Scopus)
7. A.I. Bala, S.C. Dobre, E. Popescu, Curating Educational Resources for Homework Management: A Support Prototype, *Proceedings SETE 2019, Lecture Notes in Computer Science*, Springer (SpringerLink)
8. Badea G., Popescu E., Sterbini A., Temperini M. (2019) Integrating Enhanced Peer Assessment Features in Moodle Learning Management System, *Proceedings ICSLE 2019*, In: Chang M. et al. (eds) *Foundations and Trends in Smart Learning. Lecture Notes in Educational Technology*, Springer, Singapore (SpringerLink)
- 9 Turcu, G., Heras, S., Palanca, J., Julian, V., & Mihaescu, M. C. (2019, September). Towards a Custom Designed Mechanism for Indexing and Retrieving Video Transcripts. In *International Conference on Hybrid Artificial Intelligence Systems* (pp. 299-309). Springer, Cham (SpringerLink)
10. Saša Pešić, Miloš Radovanović, Mirjana Ivanović, Costin Badica, Milenko Tošić, Ognjen Iković, Dragan Bošković. CAAVI-RICS Model for Analyzing the Security of Fog Computing Systems. In: Kotenko I., Badica C., Desnitsky V., El Baz D., Ivanovic M. (eds) *Intelligent Distributed Computing XIII. IDC 2019. Studies in Computational Intelligence*, vol 868. 23-34, Springer, Cham 23-34, https://doi.org/10.1007/978-3-030-32258-8_3 (SpringerLink)
11. Alabbas Alhaj Ali, Abdul Rasheeq, Doina Logofatu, Costin Badica: Anomaly Detection Procedures in a Real World Dataset by Using Deep-Learning Approaches. *ACIIDS* (1) 2019: 303-314, *Lecture Notes in Computer Science*, vol 11431. Springer, Cham https://doi.org/10.1007/978-3-030-14799-0_26 (SpringerLink)

12. Gia Thuan Lam, Doina Logofatu, Costin Badica: A Hybrid Approach for the Fighting Game AI Challenge: Balancing Case Analysis and Monte Carlo Tree Search for the Ultimate Performance in Unknown Environment. EANN 2019: 139-150, Communications in Computer and Information Science, vol 1000. Springer, Cham https://doi.org/10.1007/978-3-030-20257-6_12 (SpringerLink)

13. H. Knoche, E. Popescu, Smart Learning Ecosystems - technologies, places, and human-centered design, Interaction Design and Architecture Journal (IxD&A), ISSN: 1826-9745, vol. 39, 2019

D. Articole în reviste naționale: 1

1. Mihaela Ilie, Ionuț Murarețu, Sorin Ilie , Vehicle Rental Software System, Anals of University of Craiova , Automation, Computers Electronics and Mecatronics, accepted for publication

E. Articole în conferințe BDI: 1

1. ID Nicolae, AI Nicolae, PM Nicolae, MS Nicolae, RF Marinescu, On Power Quality Analysis of Highly Variable Consumptions in an Industrial Hall, 2019, 11th International Symposium on Advanced Topics in Electrical Engineering, Bucuresti, martie, 2019, <https://ieeexplore.ieee.org/abstract/document/8725010>

F. Articole în conferințe BDI: 29

1. G. Badea and E. Popescu, A Web-Based Platform for Peer Assessment in Technology Enhanced Learning: Student Module Prototype, 2019 IEEE 19th International Conference on Advanced Learning Technologies (ICALT), Maceió, Brazil, 2019, pp. 372-374. doi: 10.1109/ICALT.2019.00115

2. Badea Gabriel, Popescu Elvira, Sterbini Andrea, Temperini Marco. (2019). Exploring the Peer Assessment Process Supported by the Enhanced Moodle Workshop in a Computer Programming Course, Proceedings MIS4TEL'19. 124-131. 10.1007/978-3-030-23884-1_16

3. Gabriel Badea, Elvira Popescu, Instructor Support Module in a Web-Based Peer Assessment Platform, Proceedings ICSTCC 2019, IEEE (in press)

4. Gabriel Badea, Elvira Popescu, Using LearnEval Peer Assessment Platform in Project-Based Learning Settings: A First Experience Report, Proceedings ITHET 2019, IEEE (in press)

5. Cezara Mateiasi, Lucian-Florentin Bărbulescu, Liliana-Didi Popa, Space Debris Decay Estimation Software using Open-Source Libraries, 2019 23rd International Conference on System Theory, Control and Computing (ICSTCC), DOI: 10.1109/ICSTCC.2019.8885969

6. Ilie, M., Ilie, S. and Muraretu, I., 2019, July. A Semiautomated Human Resource Management System. In 2019 IEEE International Symposium on Innovations in Intelligent Systems and Applications (INISTA) (pp. 1-6). IEEE

7. Mihaela Ilie, Ionuț Murarețu, Sorin Ilie Theoretical Feasibility of a Fleet of Crowd Supplied Rental Vehicles, proceedings of ICSTCC 2019, IEEE, accepted for publication
8. Mihaela Ilie, Diana Firincă, Muraretu Ionut and Sorin Ilie Feasibility of an Agent-based Investment Platform for Renewable Energy Source Implementation. In 2019 20th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC) IEEE, accepted for publication
9. Andrianjaka, R.M., Luc, R.J., Mahatody, T., Ilie, S. and Raft, R.N., 2019, October. Restructuring extended Lexical elaborate Language. In 23rd International Conference on System Theory, Control and Computing (ICSTCC), 2019 (pp. 266-272). IEEE
10. Mancas Catalina, Performance Analysis in Private and Public Cloud Infrastructures, 18th RoEduNet Conference: Networking in Education and Research, Galați, România, Octombrie 2019.
11. Stoica, A. S., Heras, S., Palanca, J., Julian, V., & Mihaescu, M. C. (2019, September). A Semi-supervised Method to Classify Educational Videos. In International Conference on Hybrid Artificial Intelligence Systems (pp. 218-228). Springer, Cham
12. Ciurez, M. A., Mihaescu, M. C., Giménez, M., Heras, S., Palanca, J., & Julian, V. (2019, September). Automatic Categorization of Educational Videos According to Learning Styles. In 2019 International Conference on Software, Telecommunications and Computer Networks (SoftCOM) (pp. 1-6). IEEE
13. Teodorescu, O., Popescu, S. P., Mocanu, M., & Mihaescu, M. C. (2019, September). Custom Validation Procedure for Tesys Recommender System. In 2019 International Conference on Software, Telecommunications and Computer Networks (SoftCOM) (pp. 1-6). IEEE
14. Turcu, G., Mihaescu, M. C., Heras, S., Palanca, J., & Julián, V. (2019, September). Video Transcript Indexing and Retrieval Procedure. In 2019 International Conference on Software, Telecommunications and Computer Networks (SoftCOM) (pp. 1-6). IEEE
15. Retal Sara, Abdellah Idrissi, Costin Badica and Ionut Muraretu A Multi-Agent Placement System for Virtual Network Functions in a Cloud-Based Architecture, Workshop AcSys from SYNASC September 2019 Timisoara, IEEE.
16. Retal Sara, Abdellah Idrissi, Costin Badica and Ionut Muraretu A Multi-Agent Placement System for Virtual Network Functions in a Cloud-Based Architecture, Proceedings of SYNASC2019, IEEE, Accepted for publication
17. ID Nicolae, AA Qays, PM Nicolae, RF Marinescu, Complex Power Quality Analysis of Electric Waveforms Affected by Noise, MPS 2019, Cluj mai 2019, <https://ieeexplore.ieee.org/abstract/document/8759757>

18. ID Nicolae, PM Nicolae, CM Marinescu, RF Marinescu, Evaluating the Performances of Electric Waveforms Analysis Relying on the Stationary Wavelet Transform, MPS 2019, Cluj mai 2019, <https://ieeexplore.ieee.org/abstract/document/8759692>
19. PM Nicolae, MȘ Nicolae, ID Nicolae, I Mihalcea, On the Immunity of a Crane Safety Equipment, EMC & SIPI 2019, New Orleans, Louisiana, <https://ieeexplore.ieee.org/abstract/document/8825265>
20. ID Nicolae, PM Nicolae, Hybrid Algorithms for Denoising Electrical Waveforms Containing Steady Segments, EMC & SIPI 2019, New Orleans, Louisiana, <https://ieeexplore.ieee.org/abstract/document/8825311>
21. L.C Scărlătescu, MȘ Nicolae, PM Nicolae, ID Nicolae, DM Purcaru, Computational Aspects Concerned with the Optimized Use of Wavelet Package Trees, u, SIELMEN 2019, Chișinău, oct. 2019, <https://ieeexplore.ieee.org/abstract/document/8905839>
22. Constantinov, C., Popescu, P. Ș., & Mocanu, M. (2019, October). Identifying LinkedIn Usage Patterns Based on Feedback from Students and Fresh Graduates. In 2019 18th RoEduNet Conference: Networking in Education and Research (RoEduNet) (pp. 1-6). IEEE
23. Lucian Gruionu, Catalin ,Andreea Soimu, Gabriel Gruionu, Catalin Ciobirca, Anca Udristoiu, Stefan Pastrama, Gabriel Gruionu. Semi-automatic guidance of a biopsy catheter to peripheral airways targets using a novel robotic and computer navigation system. 2019, Materials today: proceedings 12:304-308. DOI: 10.1016/j.matpr.2019.03.128
24. F Petcușin, L Stănescu, C Bădică, An Experiment on Automated Requirements Mapping Using Deep Learning Methods, International Symposium on Intelligent and Distributed Computing, 86-95, 2019
25. L Stanescu, B Savu, Automatic Assessment of Narrative Answers Using Information Retrieval Techniques, 2019 Federated Conference on Computer Science and Information Systems
26. Arkadiusz Zaluski, Maria Ganzha, Marcin Paprzycki, Costin Badica, Amelia Badica, Mirjana Ivanovic, Stefka Fidanova, Ivan Lirkov: Experimenting with facilitating collaborative travel recommendations. ICSTCC 2019: 260-265. <https://doi.org/10.1109/ICSTCC.2019.8885795>
27. Alex Becheru, Costin Badica: Augmenting Multi-agent Negotiation in Interconnected Freight Transport Using Complex Networks Analysis. ICCS (2) 2019: 434-448, Lecture Notes in Computer Science, vol 11537. Springer, Cham https://doi.org/10.1007/978-3-030-22741-8_31
28. Amelia Badica, Costin Badica, Ion Buligiu, Liviu Ion Ciora, Maria Ganzha, Mirjana Ivanovic, Marcin Paprzycki: Optimizing Nash Social Welfare in Semi-Competitive Intermediation Networks. INISTA 2019: 1-6, IEEE, <https://doi.org/10.1109/INISTA.2019.8778270>

29. Mirjana Ivanovic, Amelia Badica, Maria Ganzha, Marcin Paprzycki, Costin Badica, Aleksandra Klasnja-Milicevic: On Measuring Learning Success of Students with Disabilities in Virtual Environments. Vol. 2508, article no. 6, SQAMIA 2019. <http://ceur-ws.org/Vol-2508/paper-iva.pdf> (DBLP)

Director department,
Prof. dr. ing. Marius Brezovan