

## RC-IIT Internal collaboration. MDIS conference publications

1. **Dana Simian, Laura Florentina Stoica (eds.), Modelling and Development of Intelligent Systems**, *Conference proceedings MDIS 2019, Part of the Communications in Computer and Information Science book series (CCIS, volume 1126)*, Springer, Cham, Print ISBN 978-3-030-39236-9, Online ISBN 978-3-030-39237-6, DOI <https://doi.org/10.1007/978-3-030-39237-6>, pp. 201.  
*RC-IIT Contributors members: Dana Simian, Alina Bărbulescu, Florentin Bota*
  - a. **Soraya Sedkaoui, Dana Simian (2020), Developed Framework Based on Cognitive Computing to Support Personal Data Protection Under the GDPR**. In: Simian D., Stoica L. (eds) *Modelling and Development of Intelligent Systems. MDIS 2019. Communications in Computer and Information Science, vol 1126*. Springer, Cham, [https://doi.org/10.1007/978-3-030-39237-6\\_8](https://doi.org/10.1007/978-3-030-39237-6_8), pp. 111-130
  - b. **Maria-Alexandra Badea, Cristina-Cleopatra Bacauanu, Alina Barbulescu (2020), Prediction of Greenhouse Series Evolution. A Case Study**. In: Simian D., Stoica L. (eds) *Modelling and Development of Intelligent Systems. MDIS 2019. Communications in Computer and Information Science, vol 1126*. Springer, Cham, [https://doi.org/10.1007/978-3-030-39237-6\\_9](https://doi.org/10.1007/978-3-030-39237-6_9), pp. 133-145
  - c. **Camelia Serban, Florentin Bota (2020), A Conceptual Framework for Software Fault Prediction Using Neural Networks**. In: Simian D., Stoica L. (eds) *Modelling and Development of Intelligent Systems. MDIS 2019. Communications in Computer and Information Science, vol 1126*. Springer, Cham, [https://doi.org/10.1007/978-3-030-39237-6\\_12](https://doi.org/10.1007/978-3-030-39237-6_12), pp. 171-186
2. **Dana Simian (ed.), Laura Florentina Stoica (associate ed.), Modelling and Development of Intelligent Systems**, *Proceeding of the Fifth International Conference MDIS*, 2017, Sibiu, Romania Lucian Blaga University Press, Sibiu, 2018, ISSN 2067-3965, pp. 93.  
[http://sites.conferences.ulbsibiu.ro/mdis/2017/files/proceedings\\_mdis2017.pdf](http://sites.conferences.ulbsibiu.ro/mdis/2017/files/proceedings_mdis2017.pdf)  
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  - a. **Petrică Bota, Robert Săndică, Dana Simian, The integration of augmented reality in everyday life**, *Proceeding of the Fifth International Conference MDIS, 2017, Sibiu, Romania Lucian Blaga University Press, Sibiu, 2018, ISSN 2067-3965*, pp. 13-19, [http://sites.conferences.ulbsibiu.ro/mdis/2017/files/proceedings\\_mdis2017.pdf](http://sites.conferences.ulbsibiu.ro/mdis/2017/files/proceedings_mdis2017.pdf)
  - b. **Stelian Ciurea, An Imperialist Competitive Algorithm Optimized to Solve the Travelling Salesman Problem**, *Proceeding of the Fifth International Conference MDIS, 2017, Sibiu, Romania Lucian Blaga University Press, Sibiu, 2018, ISSN 2067-3965*, pp. 20-28, [http://sites.conferences.ulbsibiu.ro/mdis/2017/files/proceedings\\_mdis2017.pdf](http://sites.conferences.ulbsibiu.ro/mdis/2017/files/proceedings_mdis2017.pdf)
  - c. **Daniel Hunyadi, Angela Bănăduc, Doru Bănăduc, Using Top Down Clustering model for the assessment of anthropogenic pressures and threats on the fish populations**, *Proceeding of the Fifth International Conference MDIS, 2017, Sibiu, Romania Lucian*

- Blaga University Press, Sibiu, 2018, ISSN 2067-3965, pp. 43-49, [http://sites.conferences.ulbsibiu.ro/mdis/2017/files/proceedings\\_mdis2017.pdf](http://sites.conferences.ulbsibiu.ro/mdis/2017/files/proceedings_mdis2017.pdf)*
- d. **Florin Stoica, Alina Bărbulescu, Laura Florentina Stoica, Tuning Extreme Learning Machines with genetic algorithms**, *Proceeding of the Fifth International Conference MDIS, 2017, Sibiu, Romania Lucian Blaga University Press, Sibiu, 2018, ISSN 2067-3965, pp. 72-81, [http://sites.conferences.ulbsibiu.ro/mdis/2017/files/proceedings\\_mdis2017.pdf](http://sites.conferences.ulbsibiu.ro/mdis/2017/files/proceedings_mdis2017.pdf)*
3. **Dana Simian (ed.), Laura Florentina Stoica (associate ed.), Modelling and Development of Intelligent Systems**, *Proceeding of the Fourth International Conference MDIS, 2015, Sibiu, Romania Lucian Blaga University Press, Sibiu, 2016, ISSN 2067-3965, pp. 150. [http://sites.conferences.ulbsibiu.ro/mdis/2015/files/Proceedings\\_MDIS2015.pdf](http://sites.conferences.ulbsibiu.ro/mdis/2015/files/Proceedings_MDIS2015.pdf)*
- RC-IIT Contributors members: Dana Simian, Florentin Bota, Stelian Ciurea, Daniel Hunyadi, Petrică Bota, Robert Sandică, Florin Stoica, Laura Stoica*
- a. **Florentin Bota, Dan Dumitrescu, Agent-Based Computational Models Implemented in 3D Space**, *Proceeding of the Fourth International Conference MDIS, 2015, Sibiu, Romania, Lucian Blaga University Press, Sibiu, 2016, ISSN 2067-3965, pp. 13-19, [http://sites.conferences.ulbsibiu.ro/mdis/2015/files/Proceedings\\_MDIS2015.pdf](http://sites.conferences.ulbsibiu.ro/mdis/2015/files/Proceedings_MDIS2015.pdf)*
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- c. **Daniel Hunyadi, Daniel Mara, Top - Down clustering used in analysis of the Romanian Teachers' Training Needs on Information and Communications Technology**, *Proceeding of the Fourth International Conference MDIS, 2015, Sibiu, Romania, Lucian Blaga University Press, Sibiu, 2016, ISSN 2067-3965, pp. 69-77, [http://sites.conferences.ulbsibiu.ro/mdis/2015/files/Proceedings\\_MDIS2015.pdf](http://sites.conferences.ulbsibiu.ro/mdis/2015/files/Proceedings_MDIS2015.pdf)*
- d. **Dana Simian, Ralf Fabian, Ownership tracking with dynamic identification of watermark patterns**, *Proceeding of the Fourth International Conference MDIS, 2015, Sibiu, Romania, Lucian Blaga University Press, Sibiu, 2016, ISSN 2067-3965, pp. 113-123, [http://sites.conferences.ulbsibiu.ro/mdis/2015/files/Proceedings\\_MDIS2015.pdf](http://sites.conferences.ulbsibiu.ro/mdis/2015/files/Proceedings_MDIS2015.pdf)*
- e. **Dana Simian, Petrică Bota, Robert Sandică, Interactive virtual world for games**, *Proceeding of the Fourth International Conference MDIS, 2015, Sibiu, Romania, Lucian Blaga University Press, Sibiu, 2016, ISSN 2067-3965, pp. 124-129, [http://sites.conferences.ulbsibiu.ro/mdis/2015/files/Proceedings\\_MDIS2015.pdf](http://sites.conferences.ulbsibiu.ro/mdis/2015/files/Proceedings_MDIS2015.pdf)*
- f. **Laura Florentina Stoica, Florin Stoica, Florian Mircea Boia, Generating a CTL model checker using an attribute grammar**, *Proceeding of the Fourth International Conference MDIS, 2015, Sibiu, Romania, Lucian Blaga University Press, Sibiu, 2016, ISSN 2067-3965, pp. 130-143, [http://sites.conferences.ulbsibiu.ro/mdis/2015/files/Proceedings\\_MDIS2015.pdf](http://sites.conferences.ulbsibiu.ro/mdis/2015/files/Proceedings_MDIS2015.pdf)*
4. **Dana Simian (ed.), Laura Florentina Stoica (associate ed.), Modelling and Development of Intelligent Systems**, *Proceeding of the Third International Conference*

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- a. **Alina Bărbulescu, Dana Simian, Theoretical and practical approaches for time series prediction**, *Proceeding of the Third International Conference MDIS, 2013, Sibiu, Romania, Lucian Blaga University Press, Sibiu, 2014, ISSN 2067-3965*, pp. 40-48,  
<http://sites.conferences.ulbsibiu.ro/mdis/2013/files/ProceedingsMDIS2013.pdf>
- b. **Stelian Ciurea, A Better Genetic Representation of a Fuzzy Controller Enabling the Determination of Its Parameters with the Help of a Genetic Algorithm**, *Proceeding of the Third International Conference MDIS, 2013, Sibiu, Romania Lucian Blaga University Press, Sibiu, 2014, ISSN 2067-3965*, pp. 49-58,  
<http://sites.conferences.ulbsibiu.ro/mdis/2013/files/ProceedingsMDIS2013.pdf>
- c. **Ionela Maniu, George Maniu, Daniel Hunyadi, Computational intelligence in medical data sets**, *Proceeding of the Third International Conference MDIS, 2013, Sibiu, Romania Lucian Blaga University Press, Sibiu, 2014, ISSN 2067-3965*, pp. 69-74,  
<http://sites.conferences.ulbsibiu.ro/mdis/2013/files/ProceedingsMDIS2013.pdf>
- d. **Mircea-Adrian Mușan, Ionela Maniu, Comparative Study in Building of Associations Rules from Commercial Transactions through Data Mining Technique**, *Proceeding of the Third International Conference MDIS, 2013, Sibiu, Romania Lucian Blaga University Press, Sibiu, 2014, ISSN 2067-3965*, pp. 80-87,  
<http://sites.conferences.ulbsibiu.ro/mdis/2013/files/ProceedingsMDIS2013.pdf>
- e. **Alina Elena Pitic, Ioana Moisil, Călin Bucur, The dangers of Social Media. A case study on children age 10 to 12**, *Proceeding of the Third International Conference MDIS, 2013, Sibiu, Romania Lucian Blaga University Press, Sibiu, 2014, ISSN 2067-3965*, pp. 88-93,  
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- f. **Laura Florentina Stoica, Florin Stoica, Florian Mircea Boian, Using ATL model checking in agent-based applications**, *Proceeding of the Third International Conference MDIS, 2013, Sibiu, Romania Lucian Blaga University Press, Sibiu, 2014, ISSN 2067-3965*, pp. 127-135,  
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- g. **Letiția Velcescu, Dana Simian, Marius Marin, A Method for Sampling Random Databases with Constraint**, *Proceeding of the Third International Conference MDIS, 2013, Sibiu, Romania Lucian Blaga University Press, Sibiu, 2014, ISSN 2067-3965*, pp. 146-155,  
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