

LISTA DE LUCRĂRI

Conf. univ. dr. Stoica F. Laura (n. Cacovean) Perioada 2009 – prezent

1⁰ Cărți/Capitole publicate:

- 1.1 Florin Stoica, **Laura Florentina Stoica**, *AutoML Insights: Gaining Confidence to Operationalize Predictive Models*, The New Era of Business Intelligence. IntechOpen, Jun. 05, 2024. doi: 10.5772/intechopen.1004861.
- 1.2 **Laura Florentina Laura**, *Tehnici de accesibilizare a materialelor didactice digitale*, Capitolul 6, pp. 157-181, 2019. Daniela-Maria Crețu (coordonator), *Predarea și învățarea în învățământul superior. Aspecte teoretice și practice*. Editura universitară, București **2019**, ISBN 978-606-28-0896-9.
- 1.3 **Laura Florentina Stoica**, Daniela Preda, Florin Stoica, *Tehnici de accesibilizare a documentelor și aplicațiilor software*, Ed. ULBS, ISBN. 978-606-12-1335-1, 240 pagini, **2016**
- 1.4 Florin Stoica, **Laura Florentina Cacovean**, *Programare API*, Ed. Psihomedica Sibiu, ISBN 978-973-1753-75-1, 354 pagini, **2009**.

2⁰ Articole/studii publicate în reviste de specialitate de circulație internațională indexate în baze de date internaționale specifice domeniului, care fac un proces de selecție a revistelor pe baza unor criterii de performanță

- 2.1 Florin Stoica, Dana Simian, **Laura Florentina Stoica**, Elena-Cristina Raulea, *Data-Driven Learning Path Generation from Job Postings Using Bayesian Networks with Mutual Information and NO TEAR Structure Learning*, IBIMA Publishing, Communications of the IBIMA, Vol. 2025, Article ID 149149, 15 pages, 18.12.2025, ISSN: 1943-7765, DOI: <https://doi.org/10.5171/2025.149149>
- 2.2 Florin Stoica, **Laura Stoica**, *A Content-Based Online Recommender System Using AutoML Frameworks*, Lecture Notes in Electrical Engineering, Volume 1221 LNEE, Pages 85 – 102, publicat în **2025**, 5th International Conference on Computing and Network Communications, CoCoNet 2023, ISSN 1876-1100, ISBN 978-981974710-8, DOI: 10.1007/978-981-97-4711-5_7, Scopus.
- 2.3 Florin Stoica, **Laura Florentina Stoica**, *Enhancing Predictive Analytics Effectiveness with Evolutionary AutoML Pipelines*, International Journal of Smart Business and Technology, Vol. 12, No. 2 (**2024**), pp. 21-32, Print ISSN: 2288-8969, eISSN: 2207-516X IJSBT, DOI: <http://dx.doi.org/10.21742/ijstb.2024.12.2.03>
- 2.4 Florin Stoica, **Laura Florentina Stoica**, *Formal Verification of Business Constraints in Workflow-Based Applications*, Information **2024**, 15(12), 778 (WOS:001384658600001), Scopus, eISSN: 2078-2489, DOI: <https://doi.org/10.3390/info15120778>
- 2.5 Ovidiu Boitor, Florin Stoica, Romeo Mihailă, **Laura Florentina Stoica**, Laura Stef, *Automated Machine Learning to Develop Predictive Models of Metabolic Syndrome in Patients with Periodontal Disease*, Diagnostics, Special Issue: Artificial Intelligence in Dental Medicine, 13(24), 3631, ISSN: 2075-4418, **2023**. Indexată ISI Thomson (WOS: 001131487100001), Scopus. DOI: <https://doi.org/10.3390/diagnostics13243631>
- 2.6 **Laura F. Stoica**, Florin Stoica, *ATLDesigner: ATL Model Checking Using An Attribute Grammar*, International Journal of Software Engineering and Knowledge Engineering (IJSEKE), Volume No. 32, Issue No. 08, pp. 1125 - 1154, **2022**. Indexată ISI Thomson (WOS:000848725100001), Scopus. DOI: <https://dx.doi.org/10.1142/S0218194022500450>.
- 2.7 Simona-Vasilica Oprea, Adela Bâra, Cristian-Eugen Ciurea, and **Laura F. Stoica**, *Smart Cities and Awareness of Sustainable Communities Related to Demand Response Programs: Data Processing with First-Order and Hierarchical Confirmatory Factor Analyses*, Electronics **2022**, 11(7), 1157. Indexată ISI Thomson (WOS:000782012900001), Scopus. DOI: <https://doi.org/10.3390/electronics11071157>

- 2.8 Marian-Pompiliu Cristescu, Raluca-Andreea Nerişanu, Maria Flori, Florin Stoica, **Florentina Laura Stoica**, *Analysing the Stock Market as an Economic Lever, Using a Qualitative and a Quantitative Model*, Mathematics **2021**, 9(19), 2369. Indexată ISI Thomson (WOS:000725468500001), Scopus. DOI: <https://doi.org/10.3390/math9192369>
- 2.9 **Laura Florentina Stoica**, Florin Stoica, Florian Mircea Boian, *Verification of JADE Agents Using ATL Model Checking*, International Journal of Computers Communications & Control (IJCCC), ISSN 1841-9836, 10(5):718-731, October, **2015**. Indexată ISI Thomson (WOS:000358340900009), Scopus.
- 2.10 **Laura Florentina Stoica**, Florian Mircea Boian. *Algebraic approach to implementing an ATL model checker*. Studia Univ. Babeş Bolyai, Informatica, Cluj-Napoca, Romania. Volume LVII, Number 2, pages 73–82, **2012**. (http://www.studia.ubbcluj.ro/arhiva/cuprins.php?id_editie=710&serie=INFORMATICA&nr=2&an=2012)
- 2.11 Marian Pompiliu Cristescu, Corina Ioana Cristescu, **Laura Florentina Cacovean**, Florin Martin, *The Cost Influence on Reliability and Security of the Software Systems*, Journal of Mobile, Embedded and Distributed Systems, vol. II, no. 2, pp. 69-73, pg. 5, **2010**, ISSN 2067 – 4074.

3⁰ Articole/studii publicate în volumele unor **manifestări științifice internaționale recunoscute ISI** (cu ISSN sau ISBN) din țară și din străinătate.

- 3.1 Florin Stoica, Dana Simian, **Laura Florentina Stoica**, Elena-Cristina Răulea, *Generating Learning Paths from Job Postings via Bayesian Networks*, 45th IBIMA Computer Science Conference: 25-26 June **2025**, Cordoba, Spain
- 3.2 Raluca-Andreea Nerişanu, Marian-Pompiliu Cristescu, Florin Stoica, **Florentina Laura Stoica**, Dumitru Alexandru Mara, *The Good Part of COVID-19 Pandemic: Increasing the Living Standards of Physically Challenged People by Accepting Telework as a New Normality, in Association with Assistive Technologies, Post-Pandemic Realities and Growth in Eastern Europe*. GSMAC **2022**. Springer Proceedings in Business and Economics. Springer, Cham, Scopus. https://doi.org/10.1007/978-3-031-09421-7_7
- 3.3 Florin Stoica, **Laura Florentina Stoica**, *Integrated Tool for Assisted Predictive Analytics*, Proceeding of 7th International Conference on Modelling and Development of Intelligent Systems, MDIS 2020, Sibiu, Romania, October 22–24, 2020, Revised Selected Papers, Sibiu, pp. 149-166. Scopus. Anul publicării **2021**.
- 3.4 Alina Barbulescu, Florin Stoica, **Laura Florentina Stoica**, *Sensemaking with Interactive Data Visualization*, International Business Information Management Association (IBIMA) Conference, At Seville, Spain, pp. 3213-3228, **2016**, ISBN: 978-0-9860419-8-3. Indexat ISI Thomson (WOS:000392785700327), Scopus.
- 3.5 Florin Stoica, **Laura Stoica**, *ATL Model Checking in the Cloud*, Sixth International Conference on Internet Technologies & Applications, ITA 2015, 8-11 September **2015**, Wrexham, North Wales, UK, Indexată ISI Thomson (WOS:000380532400034), Scopus.
- 3.6 Florin Stoica, **Laura Stoica**, *Implementing an ATL Model Checker tool using Relational Algebra concepts*, The 22nd International Conference on Software, Telecommunication and Computer Networks, SoftCom 2014, Split, September 17-19, 2014. Indexată ISI Thomson (WOS:000380555000038), Scopus.
- 3.7 Florin Stoica, **Laura Stoica**, *Building a new CTL model checker using Web Services*, Proceeding The 21th International Conference on Software, Telecommunications and Computer Networks (SoftCOM 2013), At Split-Primosten, Croatia, 18-20 September, **2013**. Indexată ISI Thomson (WOS:00033559300055), Scopus. (<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6671858>)
- 3.8 **Laura Florentina Stoica**, Florian Mircea Boian, Florin Stoica, *A Distributed CTL Model Checker*, Proceeding of 10th International Conference on e-Business, ICE-B 2013, Reykjavik Iceland, paper 33, pages: 379-386, 29-31 July, **2013**. Indexată ISI Thomson (WOS:000394460000033), Scopus. (<http://www.bibsonomy.org/bibtex/2ec9b93632cd56d6c8daea8db853c41d9/dblp>)
- 3.9 Florin Stoica, **Laura Florentina Cacovean**, *Interoperability Issues in Accessing Databases through Web Services*, Proceedings of the 11th WSEAS International Conference on EVOLUTIONARY COMPUTING

(EC '10), 13-15 iunie **2010**, Iași, Romania. Indexată ISI Thomson (WOS:000292940000047), Scopus. ISSN: 1790-2769, ISBN: 978-960-474-194-6

- 3.10 **Laura Florentina Cacovean**, *Using CTL Model Checker for Verification of Domain Application Systems*, Proceedings of the 11th WSEAS International Conference on EVOLUTIONARY COMPUTING (EC '10), 13-15 iunie **2010**, Iași, Romania. Indexată ISI Thomson (WOS:000292940000044), Scopus. ISSN: 1790-2769, ISBN: 978-960-474-194-6
- 3.11 Florin Stoica, **Laura Florentina Cacovean**, *Using Genetic Algorithms and Simulation as Decision Support in Marketing Strategies and Long-Term Production Planning*, Proceedings of the 9th WSEAS International Conference on SIMULATION, MODELLING AND OPTIMIZATION (SMO '09), Budapest Tech, Hungary, September 3-5, **2009**. Indexată ISI Thomson (WOS:000273246400077), Scopus. ISSN: 1790-2769, ISBN: 978-960-474-113-7
- 3.12 **Laura Cacovean**, Florin Stoica, *CTL Model Update Implementation Using ANTLR Tools*, Proceedings of the 13th WSEAS International Conference on COMPUTERS, Rodos, Greece, July 23-25, **2009**. Indexată ISI Thomson (WOS:000276790600023), Scopus. ISSN: 1790-5109, ISBN: 978-960-474-099-4

⁴ Articole/studii publicate în volumele unor **manifestări științifice internaționale** (cu ISSN sau ISBN) din țară și din străinătate

- 4.1 Florin Stoica, Alina Bărbulescu, **Laura Florentina Stoica**, *Tuning Extreme Learning Machines with genetic algorithms*, Proceeding of Fifth International Conference on Modelling and Development of Intelligent Systems (MDIS), Sibiu, Romania, June 23 - 25, 2017, pp. 72-81. Anul publicării **2018**. Indexată *Zentralblatt Math* (Zbl 1410.68324).
- 4.2 **Laura Florentina Stoica**, Florin Stoica, Florian Mircea Boian, *Generating a CTL model checker using an attribute grammar*, Proceeding of Fourth International Conference on Modelling and Development of Intelligent Systems (MDIS), Sibiu, Romania, October 28 - November 1, 2015, pp. 130-143. Anul publicării **2016**. Indexată *Zentralblatt Math* (Zbl 1410.68239).
- 4.3 **Laura Florentina Stoica**, Florin Stoica, Florian Mircea Boian, *Using ATL model checking in agent-based applications*, Proceeding of Third International Conference on Modelling and Development of Intelligent Systems (MDIS), Sibiu, Romania, 10 -12 October, **2013**. Anul publicării 2014. Indexată *Zentralblatt Math* (Zbl 1410.68238).
- 4.4 **L.F. Stoica**, F. Stoica, D. Simian. *Client/Server Implementation of an ATL Model Checker Using Web Services*. Proceedings of the 16th WSEAS International Conference on Computers, Kos Island, Greece, pages 359-364, July 14-17, **2012**. ISBN: 978-1-61804-109-8.
- 4.5 **Laura F. Cacovean**, Florin Stoica, Dana Simian, *A New Model Checking Tool*, Proceedings of the European Computing Conference (ECC '11), Paris, France, April 28-30, **2011**, pp. 358-364, ISBN: 978-960-474-297-4, ISSN: 2222-7342. Indexată Scopus. <http://dl.acm.org/citation.cfm?id=1991016.1991081&coll=DL&dl=GUIDE&CFID=413406545&CFTOKEN=34793924>
- 4.6 **Laura Florentina Stoica**, Florin Stoica - *Considerations about the implementation of an ATL model checker*, Proceedings of Second International Conference on Modelling and Development of Intelligent Systems (MDIS). Sibiu, Romania, September 29 - October 02, ISSN 2067-3965, ISBN 978-606-12-0243-0, pp. 170-179, **2011**. Indexată *Zentralblatt Math* (Zbl 1424.68092).
- 4.7 **Laura Florentina Cacovean**, Florin Stoica, *Modeling the Broker Behavior Using a BDI Agent*, Proceedings of the 14th WSEAS International Conference on Computers (CSCC), 22-25 iulie, **2010**, Insula Corfu, Grecia. Indexată Scopus. ISSN: 1792-4391, ISBN: 978-960-474-206-6
- 4.8 Florin Stoica, **Laura Florentina Cacovean**, *An Evolutionary Approach for Optimizing Stochastic Learning Automata*, Proceedings of the 14th WSEAS International Conference on Computers (CSCC), 22-25 iulie, **2010**, Insula Corfu, Grecia. Indexată Scopus. ISSN: 1792-4391, ISBN: 978-960-474-206-6
- 4.9 Ciprian Ioan Cucu, Marian Pompiliu Cristescu, **Laura Florentina Cacovean**, Corina Ioana Cristescu, *Considerations on using knowledge management principles In the development of e-learning platforms*, Proceedings of the 4th International Conference on Knowledge Management: Projects, Systems and Technologies Knowledge is power - KIP **2009** București, 6-7 noiembrie 2009, ISBN: 978-973-663-783-41

- 4.10 **Laura Florentina Cacovean**, Marian Pompiliu Cristescu, Corina Ioana Cristescu, Ciprian Cucu, *Construction of a generalized model for determination the broker behaviour for capital market*, Proceedings of the 4th International Conference on Knowledge Management: Projects, Systems and Technologies Knowledge is power - KIP 2009 București, 6-7.11.2009, ISBN: 978-973-663-783-41
- 4.11 **Laura Florentina Cacovean**, *An Algebraic Specification for CTL with Time Constraints*, First International Conference on Modelling and Development of Intelligent Systems (MDIS), October 22-25, 2009, Sibiu, Romania, ISSN 2067 - 3965. Editura Universitatii "Lucian Blaga", Sibiu, 2009. Indexată Zentralblatt Math (Zbl 1240.65005).

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