

Ralf Fabian

Updated: November, 2018

References – Authors Work

I. Articles in ISI journals with impact factor

1. Cristina Brumar, Ralf Fabian, Mişu-Jan Manolescu, Violeta Chiş, Memetic Engineering for Permanent Education in line with Sustainable Growth, *International Journal of Computers, Communications & Control (IJCCC)*, Vol. 7, Issue 5, p. 807-815, 2012, ISSN 1841-9836.
2. Ralf Fabian, Misu-Jan Manolescu, Loredana Galea, Gabriela Bologna, Bounded Rationality through the Filter of the Lisbon Objectives, *International Journal of Computers, Communications & Control, IJCCC*, Băile Felix-Oradea, Romania, 2010, Agora University Editing House, ISSN 1841-9836, E-ISSN 1841-9844, Vol. V (2010), No. 5, pp. 710-718.

II. Transdisciplinary papers related to the EU2020 targets published in international proceedings other than CSIT

3. Constantin Oprean, Cristina Brumar, Ralf Fabian, Boldur Bărbat, Memetics in Continuing Education. Rationale, Approach, Examples, *3rd International Conference on Applied Social Science (ICASS 2013)*, Taipei, Taiwan, 2013, VOL 2, p. 86-92, ISBN 978-1-61275-052-1
4. Constantin Oprean, Ralf D. Fabian, Cristina I. Brumar, Boldur E. Bărbat, Bounded Rationality for “Just In Time” Education, 2nd World Conference on Psychology, Counselling and Guidance, *Procedia-Social and Behavioral Science Journal*, May, 2011, pg. 983-987 Antalya, Turkey, ELSEVIER, ISSN: 1877-0428
5. C. Oprean, C. I. Brumar, C.V. Kifor, R.D. Fabian, B.E. Bărbat, Post-Industrial Quality for Sustainable Development, *Proceedings of the 1st International Conference on Quality and Innovation in Engineering and Management*, (S. Popescu, S. Brad, D. Popescu, Eds.), Cluj-Napoca, March, 2011, pg. 159-162, ISBN 978-973-662-614-2.
6. C. OPREAN, C.V. KIFOR, B.E. BĂRBAT, A. BRAȘOVEANU, R.D. FABIAN, *Bounded Rationality in Computer Science Curricula*, Proceedings of the 2010 International Conference on Frontiers in Education: Computer Science & Computer Engineering, FECS 2010, eds. Hamid R. Arabnia, Victor A. Clincy, Azita Bahrami and Ashu M. G. Solo, July, 2010, Las Vegas, Nevada, USA, CSREA Press, ISBN 1-60132-143-0, pp. 135-140
7. A.E Lascu, Ralf Fabian, *e-Semiotics for Romanian-German Transcultural Interfaces*, The Good, the Bad and the Unexpected: The User and the Future of Information and Communication Technologies, Sapio, Bartolomeo et al. (eds), Moscow, Russian Federation, May 2007: Conference Proceedings. Brussels, EU-COST Action 298 Participation in the Broadband Society, VOL II., 2008, pg. 737-742, ISBN: 978-92-898-0042-6

8. Boldur E. Bărbat, Ralf Fabian, Cristina Brumar, Roxana Muntean, *Bounded Rationality and approximation in modern artificial intelligence*, Proceedings of The International Workshop - New Approaches, Algorithm and Advanced Computational Techniques in Approximation Theory and its Applications, Sibiu, Romania, September, 2007, pg. 64-67, Lucian Blaga University Press, ISBN 978-973-739-949-2.

III. Paper in Thomson Reuters indexed Journals and Proceedings

9. Ralf Fabian, Alexandru-Nicolae Marcu, *Natural language processing implementation on Romanian ChatBot*, Proceedings of the 9th International Conference on SIMULATION, MODELLING AND OPTIMIZATION, Budapest Tech, Hungary, September 3-4, 2009, pg. 440-445, ISSN: 1790-2769, ISBN: 978-960-474-113-7.
10. Ralf Fabian, Daniel Hunyadi, Emil. M. Popa, *Syntactic pattern model classification with total fuzzy grammars*, Proceedings of the 12th International Conference on Computers - New Aspects of Computers, Heraklion, Greece, July 2008, pg. 317-321, ISSN 1790-5109, ISBN 978-960-6766-85-5.
11. Emil. M. Popa, Ralf Fabian, Cristina Brumar, *A Bounded Rational Review of Approximation and Undecidability in Economic Modelling*, Proceedings of the 12th International Conference on Computers - New Aspects of Computers, Heraklion, Greece, July 2008, pg. 303-308, ISSN 1790-5109, ISBN 978-960-6766-85-5.
12. Ralf Fabian, Pleșca Sorin, *Stigmergy-based Software Toolkit for Virtual Enterprises*, Proceedings of the 11th International Conference on COMPUTERS, Agios Nikolaos, Crete Island, Greece, 2007, pag. 438-441, ISSN 1790-5117, ISBN 978-960-8457-95-9.
13. Vasile Crăciunean, Cristina Elena Aron, Ralf Fabian, Ioan-Daniel Hunyadi, *Multi Level Recursive Specifications for Context Free Grammars*, Proceedings of the 11th International Conference on COMPUTERS, Agios Nikolaos, Crete Island, Greece, 2007, pag. 275-280, ISSN 1790-5117, ISBN 978-960-8457-95-9.
14. Vasile Crăciunean, Ralf Fabian, Ioan-Daniel Hunyadi, Emil M. Popa, *Fix point internal hierarchy specification for context free grammars*, Proceedings of the 11th International Conference on COMPUTERS, Agios Nikolaos, Crete Island, Greece, 2007, pag. 247-251, ISSN 1790-5117, ISBN 978-960-8457-95-9.



IV. Papers indexed by other international databases

15. Dana Simian, Ralf Fabian, Autonomous watermark Identification Based on Machine Learning Techniques, Workshop on Stochastic Models, Statistics and Their Applications, Humboldt University, Berlin, 2017,
<https://www2.informatik.hu-berlin.de/~koessler/SMSA2017/program>
16. Dana Simian, Stancu Mihai, Ralf Fabian, Approaches for automate pattern recognition in digital libraries, The 8th INTERNATIONAL CONFERENCE on Information Science and Information Literacy, Sibiu, Romania, April 6-7, 2017,
<http://bcu.ulbsibiu.ro/conference2017/index.html>
17. Dana Simian, Ralf Fabian, Abstract. Visual content based owner identification in digital image collections, The 6th INTERNATIONAL CONFERENCE on Information Science and Information Literacy, Sibiu, Romania, April 21-23, 2015,
<http://bcu.ulbsibiu.ro/conference2015/>
18. Dana Simian, Ralf Fabian, Ownership tracking system with dynamic identification of watermark patterns, *Proceedings of the Fourth International Conference Modelling and Development of Intelligent Systems*, October, 2015, Sibiu, "Lucian Blaga" University Press, ISSN 2067-3965, pp. 113-123,
http://conferences.ulbsibiu.ro/mdis/2015/files/Proceedings_MDIS2015.pdf
19. Ralf D. Fabian, Cristina I. Cismaş-Brumar, Adriana Manolescu, Gabriela Bologna, Eco-Horizon 2020: Multifunctional Scenario Interface for Biologists, Abstract of ICCCC Papers, 5th International Conference on Computers, Communications and Control, ICCCC 2014, Oradea-Băile Felix, Romania, ISSN 1844-4334, Vol. IV, pg. 48,
http://univagora.ro/m/filer_public/2014/04/13/abstracts_icccc2014.pdf
20. Simian Dana, Fabian Ralf, Fusion Information for Behaviours analysis, Sensing Monitoring-Telediagnosis for Life Sciences - vol. 2, International Conference, New Trends on Sensing-Monitoring-Telediagnosis for life Sciences, Brasov, 2014, ISBN978-606-19-0390-0, pp. 131-138,
http://maternologie.ro/envirpubhealth/index.php?option=com_content&view=article&id=1&Itemid=2
21. Ralf D. Fabian, Dana Simian, *Bounded Rationality and Visual Pattern Transmission*, Proceedings of the European Computing Conference, Paris, France, April, 2011, ISBN: 978-960-474-297-4, pg. 421-426
22. Ralf Fabian, Emil Marin Popa, *Fuzzy Extension on Context-free Grammars*, Proceedings of 2nd Annual SEERC Doctoral Conference, Thessaloniki, Greece, June 2007, SEERC Publisher, ISBN: 978-960-89629-5-8
http://adnanmenderes.academia.edu/MuratArman/Papers/437149/European_Union_Enlargement_towards_the_Western_Balkans_Identity_Transformation_as_a_Foreign_Policy_Instrument



23. Vasile Crăciunean, Ralf Fabian, Emil. M. Popa, *Total Fuzzy Grammar Driven Architecture for Intelligent Software Systems*, Transactions on Computers, Issue 2, Volume 6, February 2007, pag. 248-253, ISSN 1109-2750.
24. Vasile Crăciunean, Ralf Fabian, Emil. M. Popa, *Algorithm for Optimal Decomposition of Software Applications*, Transactions on Computers, Issue 2, Volume 6, February 2007, pag. 242-247, ISSN 1109-2750.
25. Ralf Fabian, Vasile Crăciunean, Emil M. Popa, *Intelligent system modeling with total fuzzy grammars*, Proceedings of the 8th International Conference, Mathematical Methods and Computational Techniques in Electrical Engineering (MMACTEE), Bucharest, Romania 2006, pag. 82-87, ISSN 1790-5117, ISBN 960-8457-54-8.
26. Ioan-Daniel Hunyadi, Emil M. Popa, Ralf Fabian, Ionela Mocan, *Translation for intermediate code*, Proceedings of the 8th International Conference, Mathematical Methods and Computational Techniques in Electrical Engineering (MMACTEE), Bucharest, Romania 2006, pag. 93-98, ISSN 1790-5117, ISBN 960-8457-54-8.
27. Vasile Crăciunean, Ralf Fabian, Emil M. Popa, *Package architecture optimization in software application design*, Proceedings of the 8th International Conference, Mathematical Methods and Computational Techniques in Electrical Engineering (MMACTEE), Bucharest, Romania 2006, pag. 99-102, ISSN 1790-5117, ISBN 960-8457-54-8.

Papers related to previous PhD research

28. Ralf Fabian, Vasile Crăciunean, Emil M. Popa, *Development hierarchy for project architecture*, The Annual International Scientific Conference of Pedagogic Staff And Scientific Researchers Second Edition, Education and Academic Research Structures of The Knowledge-Based Society, Volume I - Economy, Engineering, Alma Mater University Of Sibiu, May, 2008, Sibiu, Romania. pg. 369-375, ISSN 1844-5381, ALMA MATER Publishing House.
29. Vasile Crăciunean, Ralf Fabian, Florin Stoica, *Package clustering algorithm for enhancing huge project design*, The Proceedings of the Eight International Conference on Informatics in Economy, Academy of Economic Studies, Bucharest, 2007, pag. 1091-1097, ISBN 978-973-594-921-1.
30. Ralf Fabian, Vasile Crăciunean, *Updatable fuzzy grammar system*, The Annual International Scientific Conference of Pedagogic Staff And Scientific Researchers First Edition, Alma Mater University Of Sibiu, May, 2007, Sibiu, Romania. pg. 403, ISSN 1843 - 8288, ALMA MATER Publishing House
31. Ralf Fabian, *A Method of Describing Algorithms based on String Replacement*, INFORMATION & KNOWLEDGE AGE, The Proceedings Of The Seventh International Conference On Informatics In Economy, Faculty of Economic Cybernetics, Statistics and Informatics, Department of Informatics in Economy, Bucharest, 2005, pag. 404-408, ISBN 973-8360-04-8.



32. Ralf Fabian, *Online study program design and deontological issues*, International Workshop E-learning Aspects in Medicine and Nursing, MEDINF 2007 e-Health Days in Sibiu, Medical Informatics, Telemedicine, Biostatistics and Clinical Epidemiology, organized in the frame of the research grant DANTE CEEX 73-2006, November, 2007, ISBN 978-973-739-592-4, Lucian Blaga University Press.
33. Ralf Fabian, *Tendințe în dezvoltarea programelor de studiu online*, International Workshop E-learning Aspects in Medicine and Nursing, MEDINF 2007 e-Health Days in Sibiu, Medical Informatics, Telemedicine, Biostatistics and Clinical Epidemiology, organized in the frame of the research grant DANTE CEEX 73-2006, November, 2007, ISBN 978-973-739-592-4, Lucian Blaga University Press.
34. Ralf Fabian, *Modelarea prin Mașini cu Stări Abstracte*, Conferința Economică Științifică Internațională „BINOMUL SĂRĂCIE-BOGĂȚIE ȘI INTEGRAREA ROMÂNIEI ÎN UNIUNEA EUROPEANĂ”, Facultatea de Științe Economice, Universitatea „Lucian Blaga” din Sibiu, 2005, pag. 515-523, ISBN 975-739-101-2.
35. Ralf Fabian, *Development of Techniques for Process Modeling With Abstract State Machines*, International conference „The Impact of European Integration on the National Economy”, The Faculty of Economics and Business Administration, Babeș-Bolyai University, Cluj-Napoca, 2005, pag. 244-252, ISBN 973-651-007-0.
36. Ralf Fabian, *Tree Grammar Processing*, Conferința Economică Științifică Internațională „ROMÂNIA – EXIGENȚE ÎN PROCESUL DEZVOLTĂRII, DIN PERSPECTIVA INTEGRĂRII ÎN ANUL 2007”, Facultatea de Științe Economice, Universitatea „Lucian Blaga” din Sibiu, 2004, ISBN 973-651-992-9.
37. Ralf Fabian, Cristina Elena Aron, *Pattern Matching with Tree Grammars*, The 5th Biennial International Symposium SIMPEC 2004, University “Transilvania” of Brașov, Faculty of Economic Sciences, Brașov, 2004, pag. 148-153.
38. Ralf Fabian, *Common Graphical User Interface*, A VI-a Conferință Internațională în Informatică Economică, Facultatea de Cibernetică Economică, Statistică și Informatică, București, 2003, pag. 275-279.
39. Ralf Fabian, *Interfața grafică cu utilizatorul AI V-lea seminar româno-german în Teoria aproximărilor și aplicațiile ei*, Universitatea Româno-Germană Roger, Sibiu, 2003.

Updated: November, 2018

