

List of scientific papers – Assistant professor Mihaela-Daciana Crăciun

A. BOOKS

Mihaela-Daciana Crăciun, Adrian Palcu – “Birotică - Manual de utilizare MS Word & MS Excel”, ISBN 978-973-52-1524-8, Editura Mirton – Timișoara 2015

B. PUBLISHED SCIENTIFIC PAPERS

Scientific papers published in ISI journals and ISI Proceedings

1. Barbulescu, C; Kilyeni, S; Deacu, A; Simo, A; **Craciun, M** “Power Consumption Forecast Quality Assessment”, Publisher IEEE, Vol. 10.1109/ICCC.2018.8390445, pag.103-110, 2018, <https://ieeexplore.ieee.org/document/8390445/>
2. **Mihaela Crăciun**, Luiela Magdalena Csorba „Application of the Fuzzy-Pay-Off Method in the Valuation of a Financial Instrument”, Soft Computing Applications – ISI Proceedings of the 7th International Workshop Soft Computing Applications (SOFA 2016), Volume 2, pag.235-252, ISSN: 2194-5357, Springer International Publishing AG 2018, Soft Computing Applications, Advances in Intelligent Systems and Computing 634, DOI 10.1007/978-3-319-62524-9
3. Luiela Magdalena Csorba, **Mihaela Crăciun** „An Application of the Multi Period Decision Trees in the Sustainable Medical Waste Investments”, Soft Computing Applications – ISI Proceedings of the 7th International Workshop Soft Computing Applications (SOFA 2016), Volume 2, pag.540-556, ISSN: 2194-5357, Springer International Publishing AG 2018, Soft Computing Applications, Advances in Intelligent Systems and Computing 634, DOI 10.1007/978-3-319-62524-9
4. **M. Crăciun**, C. Rațiu, D. Bucerzan, A. Manolescu, „Actuality of Bankruptcy Prediction Models used in Decision Support System” – INTERNATIONAL JOURNAL OF COMPUTERS, COMMUNICATIONS & CONTROL 8(3): 363-371, ISSN 1841-9836 (ISI), June 2013
5. C. Rațiu, D. Bucerzan, **M. Crăciun**, „Analysis of Bankruptcy Prediction Model in the Present Economic Situation”, ADVANCES IN INTELLIGENT AND SOFT COMPUTING, Soft Computing Applications – ISI Proceedings of the 5th International Workshop Soft Computing Applications (SOFA), pag.625-635, ISSN: 2194-5357 Springer – Verlag Berlin Heidelberg 2013

6. C. Rațiu, D. Bucerzan, **M. Crăciun**, „Contribution to Watermarking Techniques”, ADVANCES IN INTELLIGENT AND SOFT COMPUTING, Soft Computing Applications – ISI Proceedings of the 5th International Workshop Soft Computing Applications (SOFA), pag.403-410, ISSN: 2194-5357 Springer – Verlag Berlin Heidelberg 2013
7. D. Bucerzan, **M. Crăciun**, V. Chiș, C. Rațiu, „Stream Ciphers Analysis Methods” - INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL, 5(4): 483-489, 2010, ISSN: 1841-9836 (ISI), Septembrie 2010

Scientific papers published in journals listed in international databases BDI and journals listed CNCSIS with B + category

1. **Craciun M.**, Kilyeni St., Barbulescu C., Meszaros R.G. - *Bayesian Network Applications in Power Systems Engineering. A Review* - Journal of Sustainable Energy Vol. 8, No. 3, ISSN 2067-5534, pag.99-105, Septembrie 2017, http://www.energy-cie.ro/archives/2017/nr_3/v8-n3-5.pdf
2. D. Manațe, **M. Crăciun**, E. Horváth-Balta, I. Horváth-Balta - *A Literature Review Fuzzy Pay-Off-Method – A Modern Approach in Valuation* - Journal of Economics and Business Research - ISSN: 2068 - 3537, E – ISSN (online) 2069 – 9476, ISSN – L = 2068 – 3537, Year XXI, No. 1, 2015, pp. 98-107
3. **Mihaela-Daciana Crăciun**, Violeta Chis, Cristina Băla, „Methods for Discretizing Continuous Variables within the Framework of Bayesian Networks”, Proceedings of the International Conference on Theory and Applications in Mathematics and Informatics, ICTAMI 2011 Alba-Iulia, Aeternitas Publishing House, Alba Iulia July 2011, ISSN 1582-5329, pag 433-443
4. Violeta Chiș, Cristina Băla, **Mihaela-Daciana Crăciun**, „Simulation of Lightning Overvoltages with ATP-EMTP and PSCAD/EMTDC”, Proceedings of the International Conference on Theory and Applications in Mathematics and Informatics, ICTAMI 2011 Alba-Iulia, Aeternitas Publishing House, Alba Iulia July 2011, ISSN 1582-5329, pag 453-460
5. Cristina Băla, Violeta Chis, **Mihaela-Daciana Crăciun**, „The Use of Databases in the Assessment of Power Transformers”, Proceedings of the International Conference on Theory and Applications in Mathematics and Informatics, ICTAMI 2011 Alba-Iulia, Aeternitas Publishing House, Alba Iulia July 2011, ISSN 1582-5329, pag 445-452
6. C. Băla, V. Chiș, **M.D. Crăciun** “Considerations on the management of preventive maintenance to electrical transformers”, Annals of the Oradea University., Fascicle of Management and Technological Engineering, Volume X (XX), 2011, NR1, pag.5-8, B+

7. **Mihaela-Daciana Crăciun**, Dominic Bucerzan, Crina Rațiu, „Prediction Analysis of Bankruptcy using Bayesian Networks”, Constanta Maritime University Annals, Year XI, Vol.14, 157-162, ISSN: 1582-3601, B+, Decembrie 2010
8. Crina Rațiu, **Mihaela-Daciana Crăciun**, Dominic Bucerzan, „Statistical Model of the Confidence in e-Business Services”, Constanta Maritime University Annals, Year XI, Vol.14, 237-240, ISSN: 1582-3601, B+, Decembrie 2010
9. **Mihaela-Daciana Crăciun**, „Credit Risk Management Software Analysis”, Constanta Maritime University Annals, Year X, Vol.12, 365-370, ISSN: 1582-3601, B+, Septembrie 2009

C. SCIENTIFIC PAPERS PUBLISHED IN EXTENSO IN THE PROCEEDINGS OF INTERNATIONAL CONFERENCES

1. Constantin Barbulescu, Stefan Kilyeni, Violeta Chis, **Mihaela Craciun** and Attila Simo „Daily Load Curve Forecasting. Comparative Analysis: Conventional vs. Unconventional Methods”, 8th International Workshop on Soft Computing Applications, September 2018 – Hotel Continental Arad – Romania
2. Barbulescu, C; Kilyeni, S; Deacu, A; Simo, A; **Craciun, M** „Power Consumption Forecast Quality Assessment”, IEEE Proceedings ISBN 978-1-5386-1934-6, ICCCC2018 - 7th International Conference on Computers Communications and Control, pag. 103-110 Published: 2018, WOS:000437157500016, DOI 10.1109/ICCC.2018.8390445
3. **Craciun M.**, Chis V., Craciun A. „Approaching Bayesian Networks with BayesiaLab” - Proceedings ISREIE - 7rd Edition 2018 – Mathematics & Computer Science, ISSN – 2065 2569, Vol.7/1, pag.67-75
4. Violeta Chis, **Mihaela D. Craciun**, Tania B. Gavrilă „PSCAD/EMTDC Simulation of Custom Power Systems”, Proceedings ISREIE - 7rd Edition 2018 – Mathematics & Computer Science, ISSN – 2065 2569, Vol.7/1, pag.61-66
5. **CRACIUN M.**, KILYENI ST., BARBULESCU C., NICOLAE R.C. „Bayesian Network Applications in Power Systems Engineering. A Review” – C.I.E. 2017 – Energie curată și accesibilă, 8-9 June 2017 – University of Oradea – Department of Energy Engineering - Oradea - Romania
6. **M. Crăciun**, V. Chiș „Comparative statistical analysis of valuation for tax purposes” - Proceedings of the International Symposium Research and Education in an Innovation ERA - 6rd Edition, ISBN 2065 2569, 115-122, Decembrie 2016
7. V. Chiș, **M. Crăciun** „Artificial intelligence techniques in power systems” - Proceedings of the International Symposium Research and Education in an Innovation ERA - 6rd Edition, ISBN 2065 2569, 110-114, Decembrie 2016

8. **M. Crăciun**, L.Csorba „Application of the Fuzzy-Pay-Off Method in the Valuation of a Financial Instrument” – 7th International Workshop on Soft Computing Applications, August 2016 – Hotel Continental Arad – Romania
9. L.Csorba, **M. Crăciun** „An Application of the Multi Period Decision Trees in the Sustainable Medical Waste Investments” – 7th International Workshop on Soft Computing Applications, August 2016 – Hotel Continental Arad – Romania
10. C. Rațiu, D. Bucerzan, **M. Crăciun** „Analysis of Bankruptcy Prediction Model in the Present Economic Situation” presented at „5th International Workshop on Soft Computing Applications”, SOFA 2012, Organized by IEEE Computational Intelligence Society, August 2012, Szeged, Hungary, published by Springer, Advances in Intelligent and Soft Computing, Soft Computing Applications, ISSN: 2194-5357, e-ISSN 2194-5365
11. C. Rațiu, D. Bucerzan, **M. Crăciun** „Contribution to Watermarking Techniques” presented at „5th International Workshop on Soft Computing Applications”, SOFA 2012, Organized by IEEE Computational Intelligence Society, August 2012, Szeged, Hungary, published by Springer, Advances in Intelligent and Soft Computing, Soft Computing Applications, ISSN: 2194-5357, e-ISSN 2194-5365
12. **Mihaela Crăciun**, Dominic Bucerzan, Crina Rațiu, Violeta Chiș, „*Statistical Methods and Concepts of Probability Used in Bayesian Networks*” - Proceedings of the International Symposium Research and Education in an Innovation ERA - 4rd Edition, ISBN 2065 2569, 51-61, Noiembrie 2012
13. Dominic Bucerzan, Crina Rațiu, **Mihaela Crăciun**, „*Digital Steganography, Completing the Security of Digital Data*” - Proceedings of the International Symposium Research and Education in an Innovation ERA - 4rd Edition, ISBN 2065 2569, 62-70, Noiembrie 2012
14. Violeta Chiș, Cristina Băla, **Mihaela Daciana Crăciun**, „*Using PSCAD to Find the Maximum Overvoltage on a Bus for Different Fault Types Applied at Different Times*” - Proceedings of the International Symposium Research and Education in an Innovation ERA - 4rd Edition, ISBN 2065 2569, 79-87, Noiembrie 2012
15. **M. Crăciun**, C. Rațiu, D. Bucerzan, A. Manolescu „On the Applicability of the Anghel and Altman Bankruptcy Prediction Models in the Actual Crisis Conditions” International Conference on Computers, Communication & Control (ICCC 2012), Workshop on Intelligent Decision Support Systems for Crisis Management, May 2012, Oradea, Romania, vol. 3(2012), ISSN 1844-4334
16. V. Chiș, **M. Crăciun**, C. Băla, „Comparison of two Program Packages for Switching Overvoltages Simulation”, Proceedings of International Conference on Innovative Technologies, IN-TECH 2011 BRATISLAVA, ISBN 978-80-904502-6-4, pag 207-210

17. **Mihaela-Daciana Crăciun**, Violeta Chis, Cristina Băla, „Methods for Discretizing Continuous Variables within the Framework of Bayesian Networks”, Proceedings of the International Conference on Theory and Applications in Mathematics and Informatics, ICTAMI 2011 Alba-Iulia, Aeternitas Publishing House, Alba Iulia July 2011, ISSN 1582-5329, pag 433-443
18. Violeta Chiș, Cristina Băla, **Mihaela-Daciana Crăciun**, „Simulation of Lightning Overvoltages with ATP-EMTP and PSCAD/EMTDC”, Proceedings of the International Conference on Theory and Applications in Mathematics and Informatics, ICTAMI 2011 Alba-Iulia, Aeternitas Publishing House, Alba Iulia July 2011, ISSN 1582-5329, pag 453-460
19. Cristina Băla, Violeta Chis, **Mihaela-Daciana Crăciun**, „The Use of Databases in the Assessment of Power Transformers”, Proceedings of the International Conference on Theory and Applications in Mathematics and Informatics, ICTAMI 2011 Alba-Iulia, Aeternitas Publishing House, Alba Iulia July 2011, ISSN 1582-5329, pag 445-452
20. **Mihaela Crăciun**, Dominic Bucerzan, Crina Rațiu, „The Analysis of Continuous Variables in the Decision Model of Bankruptcy Risk using Bayesian Networks”, Proceeding of the Second International Conference “Modelling and Development of Intelligent Systems”, September 29-October 22, 2011 Sibiu, Romania, Lucian Blaga University Press, Sibiu, 2011, ISSN 2067-3965, pag. 36-44
21. Crina Rațiu, Dominic Bucerzan, **Mihaela Crăciun**, „About Hash Function and Watermark Algorithms”, Proceeding of the Second International Conference “Modelling and Development of Intelligent Systems”, September 29-October 22, 2011 Sibiu, Romania, Lucian Blaga University Press, Sibiu, 2011, ISSN 2067-3965, pag.138-145.
22. D. Bucerzan, M. Crăciun, V. Chis, C. Rațiu, „Analysis Methods for Stream Cipher in Cryptography ” International Conference on Computers, Communication & Control (ICCCC 2010), May 2010, Oradea, vol. 2(2010), ISSN 1844-4334
23. **Mihaela-Daciana Crăciun**, Dominic Bucerzan, Crina Rațiu, „Comparison between Predicting Models of Bankruptcy Risk”, Proceedings of the International Symposium Research and Education in an Innovation ERA - 3rd Edition, ISSN 2065 2569, 31-37, Noiembrie 2010
24. Crina Rațiu, Dominic Bucerzan, **Mihaela-Daciana Crăciun**, „Solution for Ensuring Data Autenticity by Using Digital Watermarking”, Proceedings of the International Symposium Research and Education in an Innovation ERA - 3rd Edition, ISSN 2065 2569, 57-65, Noiembrie 2010
25. **Mihaela-Daciana Crăciun**, „Risk Management Software”, Proceedings of the International Symposium Research and Education in an Innovation ERA - 2nd Edition, ISSN 2065 2569, 174-183, Noiembrie 2008

D. OTHER SCIENTIFIC PAPERS

1. **Mihaela-Daciana Crăciun**, „A Fuzzy Decision Marker” - Bulletins for Applied & Computer Mathematics, 121-128, ISSN: 0133-3526, Octombrie 2007

E. PROJECTS OBTAINED ON THE BASIS OF INTERNATIONAL COMPETITION

1. Project team member (database management for the target group): „**Establishing a network of Romanian-Hungarian firms consultancy - Tamaro**”, HURO/0801/058/2009, project funded by the CBC Romania-Hungary Fund, amount 74.056 euro;
2. Member in 1 Edition (the 9th) of the International Competition of Mathematics and Computer Sciences “Caius Iacob”
3. Member in 3 Editions (the 9th, 10th, 11th) of the International Competition of Mathematics and Computer Sciences “Caius Iacob”

Arad, 01.10.2019

Mihaela-Daciana Crăciun

