

MONICA DRAGOICEA

Publication list

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Books and book chapters (international)		
1	Monica Dragoicea, Joao Falcao e Cunha, M. Alexandru, D. Constantinescu, "Modelling and Simulation Perspective in Service Design: Experience in Transport Information Service Development", pages 379-404, chapter 19 in: Handbook of Research on Strategic Alliances and Value Co-Creation in the Service Industry, Shao Rozenes, Yuval Cohen (Eds.), Advances in Hospitality, Tourism, and the Services Industry (AHTSI) Book Series, DOI: 10.4018/978-1-5225-2084-9.ch019, IGI Global 2017	2017
2	Th. Borangiu, Monica Drăgoicea, Henriqueta Nóvoa (Eds.) 2016, Exploring Services Science, 7th International Conference, IESS 2016, Bucharest, Romania, May 25-27, 2016, Proceedings Series: Lecture Notes in Business Information Processing, LNBIP 247, Springer International Publishing Switzerland, DOI: 10.1007/978-3-319-32689-4	2016
3	Henriqueta Nóvoa, Monica Drăgoicea (Eds.) 2015, Exploring Services Science, 6th International Conference, IESS 2015, Porto, Portugal, February 4-6, 2015, Proceedings Series: Lecture Notes in Business Information Processing, LNBIP 201, Springer International Publishing Switzerland, DOI: 10.1007/978-3-319-14980-6	2015
Books and book chapters (national)		
1	Monica Dragoicea, Real-Time Systems. Model Driven Development (in Romanian - Sisteme in timp real. Dezvoltare pe baza de model), Editura Universitara, Bucuresti, Romania, 370 pag, ISBN 978-973-749-924-0, 2010, Cod CNCISIS: 180	2010
2	Monica Dragoicea, Real-Time Software Programming. Theory and Practice (in Romanian - Programarea Aplicatiilor in Timp-Real. Teorie si Practica), Editura Universitara, Bucuresti, Romania, 221 pag, ISBN 978-973-749-579-2, 2009, Cod CNCISIS: 180	2009
3	Simion, G., Monica Dragoicea, Fundamentals of data processing in bio-engineering (in Romanian - Bazele prelucrării informatice a datelor in bioinginerie), Ed. Bren, Bucuresti, 132 pag., ISBN 973-648-233-2, 2004, Cod CNCISIS: 96	2004
4	Mihu, S. Dumitriu, N. Constantin, Monica Dragoicea, Spataru M., Control Engineering (in Romanian - Ingineria Reglării Automate), Editura Printech, Romania, 143 pag, ISBN 978-973-718-752-9, 2007, Cod CNCISIS: 54	2007
5	Monica Dragoicea, Real-Time Systems and Programming Languages (in Romanian - Sisteme si limbaje de programare de timp-real), Ed. Printech, Bucuresti, 250 pag., ISBN 973-652-886-3, 2003, Cod CNCISIS: 54	2003
Journal articles and CPCI Proceedings		
1	Monica Drăgoicea, Theodor Borangiu, Iulia Voinescu 2016 - Service interactions modeling for improved management of public transport systems. Simulation: Transactions of the Society for Modeling and Simulation International, March 2016 vol. 92 no. 3 233-250, dx.doi.org/10.1177/0037549716629232 , WOS:000371657700002	2016
2	Monica Drăgoicea, Denisa Constantinescu, João Falcão e Cunha 2016 - Experience from a Modelling & Simulation Perspective in Smart Transport Information Service Design. In: International Conference on Exploring Services Science, IESS 2016, Proceedings, LNBIP 247, Th. Borangiu, Monica Drăgoicea, Henriqueta Nóvoa (Eds.), pp. 75-88, Springer International Publishing, dx.doi.org/10.1007/978-3-319-32689-4_6, WOS:000386914200006	2016
3	Virginia Ecaterina Oltean, Theodor Borangiu, Monica Drăgoicea 2016 - On a Qualitative Game Theoretic Approach of Teacher-Student Interaction in a Public Higher Education Service System. IN: In: International Conference on Exploring Services Science, IESS 2016, Proceedings, LNBIP 247, Th. Borangiu, Monica Drăgoicea, Henriqueta Nóvoa (Eds.), pp. 15-29, Springer International Publishing, dx.doi.org/10.1007/978-3-319-32689-4_2, WOS:000386914200002	2016
4	Monica Drăgoicea, Theodor Borangiu 2016 - Case Studies for Education in Robotics: From Serious Games to "Technology to Teach Technology" Platforms. In: Advances in Robot Design and Intelligent Control, AISC 371, Proceedings of the 24th International Conference on Robotics in Alpe-Adria-Danube Region, RAAD 2015, May 27-29, Bucharest, Romania, Springer International Publishing, pp. 245-253, dx.doi.org/10.1007/978-3-319-21290-6_25, WOS:000381804400025	2015

5	Monica Drăgoicea, João Falcão e Cunha, Monica Pătrașcu, "Self-organizing socio-technical description in service systems for supporting smart user decisions in public transport", <i>Expert Systems with Applications</i> , Volume 42, Issues 17–18, October 2015, Pages 6329–6341, dx.doi.org/10.1016/j.eswa.2015.04.029, WOS:000356122000006	2015
6	Monica Drăgoicea, Cătălin Chera, Monica Pătrașcu, "Value Co-Creation in a Virtual Smart Building Service Enterprise for Energy Efficiency and Economic Sustainability", <i>Environmental Engineering and Management Journal</i> , 14 (5), pag. 1183-1194; May 2015, WOS:000355847800023	2015
7	Th. Borangiu, C. Morariu, O. Morariu, Monica Drăgoicea, S. Raileanu, I. Voinescu, Gh. Militaru, A. Purcărea, "A Service Oriented Architecture for Total Manufacturing Enterprise Integration", 6th International Conference on Exploring Service Science 1.5, 4-6 February 2015, Porto, Portugal, LNBIP 201, pp. 95-108, Springer, 2015, WOS:000357487100008	2015
8	Gh. Militaru, A. Purcarea, Th. Borangiu, Monica Dragoicea, O. D. Negoita, "How Social Responsibility Influences Innovation of Service Firms: An Investigation of Mediating Factors" ", 6th International Conference on Exploring Service Science 1.5, 4-6 February 2015, Porto, Portugal, LNBIP 201, pp. 139-151, Springer, 2015, WOS:000357487100011	2015
9	Theodor Borangiu, Anca Daniela Ionita, Monica Dragoicea, João Falcão e Cunha, "Practices and platforms for aligning higher education to the European trends in service innovation", <i>eLSE – International Scientific Conference eLearning and Software for Education</i> , April 24-25, Issue 3, pp. 59-64, 2014, WOS:000357197700008	2014
10	Th. Borangiu, V. E. Oltean, M. Drăgoicea, João Falcão e Cunha, I. Iacob, "Some Aspects Concerning a Generic Service Process Model Building". In: <i>Proceedings of the 5th International Conference on Exploring Service Science IESS 1.4</i> , 5-7 February 2014, Geneva, Switzerland, LNBIP 169, M. Snene, M. Leonard (Eds.), pp. 1-16, Springer International Publishing Switzerland, 2014, WOS:000342692500001	2014
11	Monica Drăgoicea, Th. Borangiu, João Falcão e Cunha, V. E. Oltean, J. Faria, St. Radulescu, "Building an Extended Ontological Perspective on Service Science". In: <i>Proceedings of the 5th International Conference on Exploring Service Science IESS 1.4</i> , 5-7 February 2014, Geneva, Switzerland, LNBIP 169, M. Snene, M. Leonard (Eds.), pp. 17-30, Springer International Publishing Switzerland, 2014, WOS:000342692500002	2014
12	Th. Borangiu, Monica Dragoicea, V.E. Oltean, I. Iacob, "A Generic Service System Activity Model with Event-Driven Operation Reconfiguring Capability". In: Springer book series "Studies in Computational Intelligence", book title "Service Orientation in Holonic and Multi-Agent Manufacturing and Robotics", SCI 544, Th. Borangiu, D. Trentesaux, A. Thomas, (Eds.), pages 159-175, ISBN ISBN 978-3-319-04734-8, DOI: 10.1007/978-3-319-04735-5_11, Springer International Publishing Switzerland, 2014, WOS:000388251900011	2014
13	M. Patrascu, Monica Dragoicea, "Integrating Agents and Services for Control and Monitoring: Managing Emergencies in Smart Buildings". In: Springer book series "Studies in Computational Intelligence", book title "Service Orientation in Holonic and Multi-Agent Manufacturing and Robotics", SCI 544, Th. Borangiu, D. Trentesaux, A. Thomas, (Eds.), pages 209-224, ISBN ISBN 978-3-319-04734-8, DOI: 10.1007/978-3-319-04735-5_14, Springer International Publishing Switzerland, 2014, WOS:000388251900014	2014
14	Monica Dragoicea, L. Bucur, M. Patrascu, "A Service Oriented Simulation Architecture for Intelligent Building Management. In: <i>Proceedings of the 4th International Conference on Exploring Service Science 1.3</i> , 7-8 February 2013, Porto, Portugal, LNBIP 143, J.F. e Cunha, M. Snene, and H. Novoa (Eds.), pp. 14-28, Springer-Verlag Berlin Heidelberg (2013), WOS:000342691500002	2013
15	Th. Borangiu, Monica Dragoicea, E. Oltean, I. Iacob, "A Model for Open, On-Demand, Collaborative Education for Service Science". In: <i>Proceedings of the 4th International Conference on Exploring Service Science 1.3</i> , 7-8 February 2013, Porto, Portugal, LNBIP 143, J.F. e Cunha, M. Snene, and H. Novoa (Eds.), pp. 306–312, Springer-Verlag Berlin Heidelberg (2013), WOS:000342691500024	2013
16	Ionescu C., Monica Dragoicea, "MACROSEIS: A Tool for Real-Time Collecting and Querying Macroseismic Data in Romania", <i>Romanian Journal of Physics</i> , Number 7-8, Vol. 55, pag. 852-861, ISSN 1221-146X, 2010, WOS:000283884200022	2010
17	Monica Dragoicea, Sacala M. D., Cojocaru A., Shivarov N., Balan C.," Designing Mobile Assistive Technologies in the Model Driven Development Framework", <i>Proceedings of the 1st Int. Conference on Manufacturing Engineering, Quality and Production Systems MEQAPS'09</i> , 24-26 Septembrie, Brasov, Romania, pag. 100-105, ISBN 978-960-474-121-2, ISSN 1790-2769, WSEAS Prees, 2009, ADVANCES IN MANUFACTURING ENGINEERING, QUALITY AND PRODUCTION SYSTEMS, VOL I , Book Series: Mathematics and Computers in Science and Engineering, Pages: 100-105, Published: 2009, WOS:000275966900014	2009

18	Sacala M. D., Stanescu A.M., Monica Dragoicea, Moiescu M. A., Sacala I. S., Towards the Development of the Probability Calculation Methods for the Appearance and Development of Entity Inter-connections within a Digital Business Ecosystem, Proceedings of the 1st Int. Conference on Manufacturing Engineering, Quality and Production Systems MEQAPS'09, 24-26 Septembrie, Brasov, Romania, pag. 188-193, ISBN 978-960-474-121-2, ISSN 1790-2769, WSEAS Press, 2009, ADVANCES IN MANUFACTURING ENGINEERING, QUALITY AND PRODUCTION SYSTEMS, VOL I, Book Series: Mathematics and Computers in Science and Engineering, Pages: 188-193, Published: 2009 WOS:000275966900030	2009
19	Bucur I., Boiangiu C. A., Constantin N., Monica Dragoicea, Fagarasan I., Surpateanu A., On Hard to Detect Bridging Fault, ANNALS OF DAAAM FOR 2009 & PROCEEDINGS OF THE 20TH INTERNATIONAL DAAAM SYMPOSIUM, Book Series: Annals of DAAAM and Proceedings, Volume: 20, Pages: 681-682, Published: 2009 Conference: 20th International Danube-Adria-Association-for-Automation-and-Manufacturing Symposium; Location: Vienna, AUSTRIA; Date: NOV 25-28, 2009, WOS:000282335600341	2009

Journal articles and Proceedings (Indexed Databases)		
1	Andreea Ion, Vlad Constantinescu, Monica Patrascu, Monica Drăgoicea 2016 - A Scalable Agent Based Model for Building Security Simulation. International Journal of Artificial Intelligence, Vol. 14(1), pp. 94-111 BDI: Scopus	2016
2	Patrascu, A., Ungureanu, A., Patrascu, M., Dragoicea, M., Hantiu, L., MOTION-AE: An intelligent mobile application for aerobic endurance training, International Journal of Artificial Intelligence Volume 14, Issue 2, October 2016, Pages 42-59, BDI: Scopus	2016
3	Monica Dragoicea, Monica Patrascu, George Alexandru Serea, "Real Time Agent Based Simulation for Smart City Emergency Protocols", Proceedings of ICSTCC 2014, 18th International Conference on System Theory, Control and Computing, 17-19 October 2014, Sinaia, Romania, pp. 187-192, ISBN 978-1-4799-4602-0, BDI: Scopus, IEEEExplore	2014
4	Monica Patrascu, Monica Dragoicea, Andreea Ion, "Emergent Intelligence in Agents: a Scalable Architecture for Smart Cities", Proceedings of ICSTCC 2014, 18th International Conference on System Theory, Control and Computing, 17-19 October 2014, Sinaia, Romania, pp. 181-186, ISBN 978-1-4799-4602-0, BDI: Scopus, IEEEExplore,	2014
5	Monica Dragoicea, Th. Borangiu, "A Service Science Knowledge Environment in the Cloud". In: Springer book series "Studies in Computational Intelligence", book title "Service Orientation in Holonic and Multi Agent Manufacturing and Robotics", Th. Borangiu, A. Thomas, D. Trentesaux (Eds.), SCI 472, pages 229-246, ISBN 978-3-642-35851-7, 2013, BDI: Scopus,	2013
6	Monica Dragoicea, Th. Borangiu, "A service science knowledge environment in the cloud", 14th IFAC Symposium on Information Control Problems in Manufacturing, INCOM'12; Bucharest; Romania; 23 May 2012 through 25 May 2012, IFAC Proceedings Volumes (IFAC-PapersOnline) Volume 14, Issue PART 1, 2012, Pages 1702-1707, ISSN: 14746670, ISBN: 978-390266198-2, DOI: 10.3182/20120523-3-RO-2023.00438, BDI: SCOPUS, ScienceDirect	2012
7	Monica Dragoicea, L. Bucur, W.T. Tsai, H. Sarjoughian, "Integrating HLA and Service-Oriented Architecture in a Simulation Framework". MSGC2012 – Workshop on Modeling and Simulation on Grid and Cloud Computing at The 12th IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing, May 13-16, Ottawa, Canada, DOI: 10.1109/CCGrid.2012.76, Page(s): 861 – 866, ISBN 978-0-7695-4691-9, 2012, BDI: SCOPUS, IEEEExplore,	2012
8	A.M. Stanescu, B. Barbulescu, Monica Dragoicea, Nicula, M.A. Moiescu, I.S. Sacala, "Towards the Development of Internet of Things Compliant GPS Navigation Systems", Annals of DAAAM for 2010 & Proceedings of the 21st Int. DAAAM Symposium, vol. 21, no. 1, ISSN 1726-9679, ISBN 978-3-901509-73-5, pag. 0883-0884, BDI: SCOPUS	2010
9	Dumitrache, I., Monica Dragoicea, "Agent-based theory applied in mobile robotics", 17th World Congress, International Federation of Automatic Control, IFAC; Seoul; South Korea; 6 July 2008 through 11 July 2008, IFAC Proceedings Volumes (IFAC-PapersOnline), Volume 17, Issue 1 PART 1, pages 13719-13724, 2008, DOI: 10.3182/20080706-5-KR-1001.02323, BDI: SCOPUS, IFAC-PapersOnline,	2008
10	Bucur I., Monica Dragoicea, Constantin N., "Boolean Differential Calculus Applied in Logic Testing", Revista "Studies in Informatics and Control", Vol. 16, No. 2, pag. 209-216, ISSN 1841-429X, 2007, BDI: INSPEC (Engineering Village)	2007
11	Monica Dragoicea, N. Constantin, N., "Windows Application for Intelligent Mobile Robot Control", Studies in Informatics and Control, Vol. 13, No.1, pag. 23-33, 2004, BDI: INSPEC (Engineering Village)	2004
12	Dumitrache, I., Constantin, N., Monica Dragoicea, "Adaptive Predictive Control Based on Neural Networks", Intelligent Components and Instruments for Control Applications 2000 (SICICA 2000) Proceedings volume from the 4th IFAC Symposium, 2001, Argentina, pp: 335-339, BDI: INSPEC (Engineering Village)	2001
13	Leca, A., Prepelita, V., Toculescu, R., Monica Dragoicea, Ralea, M., "Integral expressions for Marcon antennas electromagnetic potential", Proceedings of the International Conference on Modeling and Simulation in Distributed Applications MS'2001, Changsha / Hunan, China, September 25-27, pag. 773-775, 2001, BDI: Database: INSPEC (Engineering Village)	2001

14	Prepelita, V., Toculescu, R., Monica Dragoicea, Ralea, M., "Two approaches to the electric / thermic potential problem", Proceedings of the International Conference on Modeling and Simulation in Distributed Applications MS'2001, Changsha / Hunan, China, September 25-27, pag. 769-772, 2001, BDI: INSPEC (Engineering Village)	2001
15	Leca, A., Baran, G., Toculescu, R., Monica Dragoicea, "Why bronze resist better than steel to cavitation erosion?", Proceedings of the International Conference on Modeling and Simulation in Distributed Applications MS'2001, Changsha/Hunan, China, September 25-27, pag. 767-768, 2001, BDI: INSPEC (Engineering Village)	2001
16	Constantin, N., Dumitrache, I., Monica Drăgoicea, "Multiple Model Learning for Modelling and Control". Bul. Inst. Politeh. Iași, Secția Autom. Calc. 47(51), No. 1-4, pag. 7-14 (2001), BDI: Io-Port Zentralblatt	2001

Research grants (project manager)		
1	Grant director, research grant title "Automatic Generation and Broadcasting of Macroseismic Intensity Maps using Informational Networks", partnership with the National Institute for Earth Physics ( <a href="http://www.infp.ro/en/">http://www.infp.ro/en/</a> )	2006-2008
2	Grant director, grant title "Intelligent Vehicles and Behavioural Diversity in Mobile Robot Teams", Research Grant, Young Researchers, research grant financed by the Ministry of Education in Romania	2004-2005