

## LIST OF PUBLICATIONS

Anca Daniela IONITA

2000-2016

### BOOKS AND BOOK CHAPTERS

#### Books and book chapters in international printing houses

- 1 A.D. Ionita, M. Florea, Applying View Models in SOA: A Case Study, capitol in cartea Electronic Engineering and Computing Technology, Seria Lecture Notes in Electrical Engineering, 1, Volume 60, Springer, 2010, pp. 483-493, ISBN 978-90-481-8775-1, DOI 10.1007/978-90-481-8776-8\_41
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- 3 A.D. Ionita, J. Estublier, "Business Process Modeling and Automation with General and Domain Specific Languages", capitol in cartea Business Process Modeling: Software Engineering, Analysis and Applications, Jason A. Beckmann Ed., Seria Business Issues, Competition and Entrepreneurship, Nova Science Publishers, 2011, ISBN: 978-1-61209-344-4, pp. 63-94
- 4 A.D. Ionita, Introduction to the Migration from Legacy Applications to Service Provisioning, capitol in cartea, Migrating Legacy Applications: Challenges in Service-Oriented Architecture and Cloud Computing Environments, Editori A.D. Ionita, M. Litoiu, G. Lewis, IGI Global, ISBN 978-1-4666-2488-7, 2013, DOI: 10.4018/978-1-4666-2488-7
- 5 A. D. Ionita, M. Mocanu, Models of Organizational Change for Modernizing Pollution Warning Services, In IAENG Transactions on Engineering Sciences: Special Issue for the International Association of Engineers Conferences 2014, Edited by: Sio-long Ao, Alan Hoi-Shou Chan, Hideki Katagiri, Li Xu, World Scientific, 2015, ISBN: 978-981-4667-35-7, pp. 498-510, DOI: 10.1142/9789814667364\_0037

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- 5 A.D. Ionita, Integrarea software a datelor experimentale complexe, capitol in V. Ionita, Gh. Paltanea, G. Epureanu, V. Paltanea, L. Petrescu, A.D. Ionita, Caracterizarea avansata a materialelor magnetice, Politehnica Press, Bucuresti, ISBN 978-606-515-023-2, 2009, 12 pag.
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## ARTICLES IN JOURNALS AND CONFERENCE PROCEEDINGS

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- 1 V. Ionita, B. Cranganu-Cretu, A.D. Ionita, Object-Oriented Software for Advanced Characterization of Magnetic Materials, IEEE Transactions on Magnetics, ISSN 0018-9464, vol.38, nr.2, pp. 1101-1104, 2002, ISSN: 0018-9464, WOS:000175086800197 [Impact Factor 1,213]
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- 6 A.D. Ionita, A. Olteanu, T. Ionescu, L. Dobrica, Automatic Transformations for Integrating Instrument Models across Technological Spaces, Romanian Journal of Information Science and Technology, Volume 14, Number 1, ISSN: 1453-8245, The Publishing House of the Romanian Academy, 2011, pp. 51-66, ISSN: 1453-8245, WOS:000302996500004 [Impact Factor 0,453]
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- 10 B. Dumitrescu, A.D. Ionita, H. Gavrilă, Picking Lines Modeling, Rev. Roum. Sci. Techn.–Électrotechn. et Énerg., Vol. 61, 1, pp. 78–83, 2016 [IF = 0.47]
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- 15 A.D. Ionita, M. Florea, L. Jelea, Correspondence between Multiple Views in a SOA Trans-National Business System, Lecture Notes in Engineering and Computer Science, WCE 2009 (World Congress on Engineering 2009), London 1-3 iulie 2009, ICISIE 2009, pp. 493-498, ISBN: 978-988-17012-5-1, WOS:000271615700089, BEST PAPER AWARD

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- 18 A. D. Ionita, Mariana Mocanu, Sorin N. Ciolofan, Modeling with SoaML Applied for Warning and Water Management Services, 19th International Conference on Control Systems and Computer Science (CSCS), Bucharest, Romania, pp. 624 – 627, 29-31 May 2013, ISBN: 978-0-7695-4980-4, WOS:000328493800094
- 19 Sorin N. Ciolofan, Mariana Mocanu, A. D. Ionita, Cyberinfrastructure architecture to support decision taking in natural resources management, 19th International Conference on Control Systems and Computer Science (CSCS), Bucharest, Romania, pp. 617 - 623, 29-31 May 2013, ISBN: 978-0-7695-4980-4, WOS:000328493800093
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- 22 Th. Borangiu, A. D. Ionita, M. Dragoicea, J. F. e Cunha, Practices and Platforms for Aligning Higher Education to the European Trends in Service Innovation, The 10<sup>th</sup> International Scientific Conference eLearning and software for Education, Bucharest, April 24-25, 2014  
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- 23 S.I. Popescu, M. Mocanu, A.D. Ionita, Customisable Decision Support Service for Water Management in River Basins, IEEE 10th International Conference on Intelligent Computer Communication and Processing (ICCP) Book Series: IEEE International Conference on Intelligent Computer Communication and Processing ICCP, 2014, Pages: 377-382, WOS:000348677300055
- 24 A.D. Ionita, A. Olteanu, Data Acquisition, Processing and Visualization for Early Warning Information Systems, IEEE International Symposium on Fundamentals of Electrical Engineering 2014 (ISFEE 2014), November 28-29, 2014
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- 26 Adriana Olteanu, Anca Daniela Ionita, Andrei Budu, Dominic Moraru, Ilie Prisecaru, MODELS AND TECHNOLOGIES FOR MAKING ASPECTS OF THE DOSIMETRY EDUCATION ACCESSIBLE TO NON-SPECIALISTS, The 11th International Scientific Conference eLearning and software for Education, Bucharest, April 25-26, 2015, pp. 364-369
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- 29 AD Ionita, A Olteanu, RN Pietraru, Reengineering Learning Scenarios with Web-Based Technologies, The International Scientific Conference eLearning and Software for Education eLSE 2016, pp. 272-279
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- 31 A.D. Ionita, A. Olteanu, R.N. Pietraru, D.E. Moraru, A. Budu, I.C. Prisecaru, Online Learning Content for Power Engineering Students, With Semantic-Based Navigability, Proceedings of ICERI2016 Conference, 14th-16th November 2016, Seville, Spain, pp. 1152-1157

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## GRANTS / PROJECTS

### International grants / projects

- 1 Software Federations by Model Composition, FEDARC, FP6 European Individually-Driven Fellowship la Université Joseph Fourier, Laboratoire Logiciels Systemes Reseaux, Grenoble, France, FP6 MEIF-CT-2004-501518, coordonator Jacky Estublier, 2004 – 2006
- 2 Mobile environment for healthcare services and health education for a better life of NMD'patients, Health Everyday, Eureka Nr. 1133/ E!7201, 2011 - 2015, <http://rd.siveco.ro/portal/web/guest/pn/healtheveryday>
- 3 Establishing an efficient network for cancer communication in Europe, Eurocancercoms, FP7 SiS-2008-1.3.1.1, 2009 – 2011, [http://cordis.europa.eu/projects/rcn/92322\\_en.html](http://cordis.europa.eu/projects/rcn/92322_en.html)
- 4 Local Development Cooperation Actions Enabled by Semantic Technology, LD-CAST, FP6 STREP IST-2004-2.4.13, 2006-2008, [http://cordis.europa.eu/projects/rcn/78383\\_en.html](http://cordis.europa.eu/projects/rcn/78383_en.html)

### National grants / projects

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- 2 Early Warning and Decision Support Soft System for the Anticipative Assessment of the Fast Dynamics of Territorial Vulnerabilities Induced by Nuclear Facilities, N-WATCHDOG PN II UEFISCDI 298/2014, 2014-2017
- 3 Information Library of hysteresis magnetic materials for high performance computation of electromagnetic devices, ANSTI 6111/2000 tema B-38, 2000 –2001
- 4 The Computerization of Accredited Test Laboratories and Integration into a National Information Network, INFRAS, 099/C1-CI, no. 25/27.12.1999, 2000-2001
- 5 Advanced Methods for the Characterization of Magnetic Materials, CNCSIS, 37124/2000, Tema 121, CNCSIS-201, 2000-2001
- 6 Local and Global Information Systems, Banca Mondiala si CNFIS, UPB, cod 202, 2000-2001
- 7 Vectorial Characterization of Magnetic Materials in high performance computation of electromagnetic field, CNCSIS, 33784/2002, Tema 18, CNCSIS 404, 2002-2004
- 8 Magneto-optical microscopy based study of micro- and nano-magnetization processes in magnetic materials, CNCSIS, contracte 27692/2005 (A-362), 139GR/2006 (A-362), 2005-2007
- 9 Research on competitive and intelligent cities development in knowledge based societies, 2CEEX 06-08-69, 2006-2008
- 10 Development of experimental and numerical models for the characterization of magnetic materials with hysteresis, CEEX 875/2006, 2006-2008
- 11 Analysis and modeling of software oriented architectures in embedded systems domains, CNCSIS (National University Research Council)– IDEI, nr. 1238/ 2008 627/2009, 2009-2011
- 12 Prototype Cyberinfrastructure-based System for Decision-Making Support in Water Resources, CNCS (National University Research Council), PNII nr. 47/2012, 2012-2016, <http://www.cyberwater.cs.pub.ro>
- 13 CLUeFARM, Information system based on cloud services, accessible through mobile devices, for quality improvement of products and business development in farms, UEFISCDI PN II no. 29/2014, 2014-2017