



ROMÂNIA  
MINISTERUL EDUCAȚIEI NAȚIONALE  
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## LISTA DE LUCRĂRI, LECT. UNIV. DR. COSMIN-ION TOMOZEI, IANUARIE 2016

### A. TEZA DE DOCTORAT

*Reingineria aplicațiilor distribuite*, susținută în 2012 la Școala Doctorală de Informatică Economică, din cadrul Institutului de Studii Doctorale, al ASE București, în domeniul Informatică Economică, 328 pp, având conducător științific pe dl. Prof. Univ. Dr. Ion IVAN. Confirmarea titlului științific de doctor s-a realizat prin OM 3250 MD din data de 20.02.2013.

### B. CĂRȚI ȘI MANUALE

1. Bogdan PĂTRUȚ, **Cosmin TOMOZEI** – *Chapitres de recherche opérationnelle. Modèles mathématiques et algorithmes pour optimiser activité économique*, Editura VDM Verlag Dr Muller, Saarbrücken, Germany, 2010, ISBN 978-3-639-31708-4;
2. **Cosmin TOMOZEI** – *Reengineering Process Optimization of Distributed Applications*, Modern Paradigms in Computer Science and Applied Mathematics, pp. 271 – 322, Editura AVM – Akademische Verlagsgemeinschaft München, Germany, 2011, ISBN 978-3-86306-757-1;
3. **Cosmin TOMOZEI** – *Tehnologii multimedia pentru comunicare online*, Editura Alma Mater, Bacău, România, 2014, ISBN 978-606-527-434-1.

### C. ARTICOLE PUBLICATE ÎN REVISTE INDEXATE ISI ȘI BDI

1. **Cosmin TOMOZEI**, Cristian AMANCEI - *Social Sustainability Achievement through Mobile GIS Applications Development and Audit*, Informatica Economică Journal, Vol. 19 No. 4, pp. 90-99, ISSN 1453-1305, 2015.
2. Nick VERCRUYSEN, **Cosmin TOMOZEI**, Iulian FURDU, Simona VARLAN, Cristian AMANCEI - *Collaborative Recommender System Development with Ubiquitous Computing Capability for Risk Awareness*, Studies in Informatics and Control, Vol. 24, No. 1, pp. 91-100, 2015, Thomson Reuters Impact factor 0.913, ISSN 1220-1766.

3. **Cosmin TOMOZEI** - *Nouveaux aspects concernant la programmation des dispositifs mobiles*, Proceedings of QUATRIEME COLLOQUE francophone PLUridisciplinaire sur les Matériaux, l'Environnement et l'Electronique PLUMEE 2015, XLIM Research Institute, Limoges, France, pp. 138 - 140, ISSN 2343-9092.
4. **Cosmin TOMOZEI**, Cristian AMANCEI - *Social sustainability achievement through mobile GIS applications development and audit*, Informatica Economica Journal, Vol. 19, No. 3, 2015, ISSN 1453-1305 , în curs de publicare.
5. Iulian FURDU, **Cosmin TOMOZEI**, Ioana PANDELE – *Improving management of risks and natural disasters by regional GIS distributed application*, Environmental Engineering and Management Journal, January 2013, Vol. 12, No. 1, pp. 11-17, Thomson Reuters ISI Web Of Knowledge, Impact Factor 1.117, ISSN 1582-9596.
6. Florinela Floria, **Cosmin TOMOZEI** – *Blogosphere and Interculturality*, Mihail Kogalniceanu University of Iasi Scientific Bulletin Vol.22, No. 1 pp.167-176. ISSN 1221-4876.
7. **Cosmin TOMOZEI**, Simona VARLAN, Iulian FURDU – *A semantic service composition model for health GIS applications development*, Scientific Studies and Research Series Mathematics and Informatics Vol. 23, 2013, No. 1, pp. 187 – 194, ISSN 1224-2519.
8. Simona Varlan, **Cosmin Tomozei** – *About Description Logics And Ontology* Scientific Studies and Research. Series Mathematics and Informatics, Vol. 23, No. 1, 2013, ISSN 1224-2519.
9. **Cosmin TOMOZEI**, Bogdan PĂTRUȚ – *Testing and Security in Distributed Econometric Applications Reengineering via Software Evolution*, Journal of Applied Quantitative Methods, vol. 5, nr. 4, 2010, ISSN 1842-4562.
10. Bogdan PĂTRUȚ, **Cosmin TOMOZEI** – *Agent Technology in Monitoring Systems*, ICCCC 2010, International Journal of Computers, Communication and Control, Vol. 5 No. 5, 2010, pp. 852-861, 2010, Thomson Reuters Web of Science, ISI Science Citation Index Expanded Computer Science Journal List, Impact Factor 0.650, ISSN 1841 – 9836.
11. **Cosmin TOMOZEI** – *Technical Report on Distributed Collaborative Applications for Econometrics*, Journal of Applied Collaborative Systems, vol.2, nr.1, 2010, pp. 76-83, ISSN 2066-7450.
12. **Cosmin TOMOZEI** – *Reengineering Distributed Applications for the Regression Analysis with Windows Communication Foundation and Intelligent Agents*, Open Source Science Journal, vol. 2, nr. 3, 2010, pp. 100-107, ISSN 2066 740X.

13. **Cosmin TOMOZEI**, Bogdan PĂTRUȚ – *Assessment on Distributed Collaborative Applications Research and Reengineering*, Journal of Applied Collaborative Systems, vol. 1, nr. 2, 2009, pp. 120-128, ISSN 2066-7450.
14. **Cosmin TOMOZEI**, Marius VETRICI – *F# Modules Integration in Distributed Applications Development Process*, Scientific Studies and Research Series Mathematics and Informatics, vol. 19, Nr. 2, 2009, pp. 459-470, ISSN 2607-3566.
15. **Cosmin TOMOZEI** – *Quality Characteristics of Business - Oriented Open Source Community Projects*, Open Source Science Journal vol. 1, nr. 1, 2009, pp. 179-189, ISSN 2066 – 740X.
16. **Cosmin TOMOZEI**, Marius VETRICI, Cristian AMANCEI – *IT & C Projects Duration Assessment Based on Audit and Software Reengineering*, Informatica Economică, vol. 13, no. 1/2009, pp. 117-128, ISSN 1453-1305.
17. Marius VETRICI, **Cosmin TOMOZEI** – *Distributed Collaborative Software Development Process Improvement Using Criticality Analysis*, Economy Informatics, vol. 9, nr. 1, 2009, pp. 71-78, ISSN 1582-7941.
18. **Cosmin TOMOZEI** – *Hypertext Entities Semantic Web-Oriented Reengineering*, Journal of Applied Quantitative Methods, vol. III, nr. 1, 2008, pp. 9- 19, ISSN 1842-4562.
19. **Cosmin TOMOZEI** – *Internet Databases in Quality Information Improvement*, Journal of Applied Quantitative Methods, vol II, nr 1, 2007, pp. 83-88, ISSN 1842-4562.
20. **Cosmin TOMOZEI**, Simona VÂRLAN – *Distributed Applications Re-engineering metrics*, Studii si Cercetari Stiintifice seria Matematica, nr.17, pp. 253-264, ISSN 1224-2519, 2007
21. Ion IVAN, Marius POPA, **Cosmin TOMOZEI** – *Reingineria entităților text*, Revista Română de Informatică și Automatică, vol. 15, nr. 2, 2005, pp. 15 – 28, ISSN 1220-1758.
22. Ion IVAN, Cătălin BOJA, **Cosmin TOMOZEI** – *Turn-key software programs*, Informatica Economică ,vol. 9, nr. 3, 2005, pp. 96-103, ISSN 1453-1305.

#### D. LUCRARI PUBLICATE ÎN VOLUMELE CONFERINTELOR

1. **Cosmin TOMOZEI**, Cristian AMANCEI – *Healthy ageing mobile GIS applications development and audit for the achievement of social sustainability*, publicată în volumul conferinței, Proceedings of the 14th International Conference on Informatics in Economy, IE 2015, pp. 73-78, ISSN 2284-7472, Thomson Reuters Proceedings Database.
2. **Cosmin TOMOZEI**, Florinela FLORIA – *(Inter)culturality expressions. Construction of ethnicity within Blogosphere and Social Media*, Proceedings of SMART 2014, Social Media in Academia, Research and Teaching, Timișoara, 2014.
3. **Cosmin TOMOZEI**, Cristian AMANCEI - *Mobile enabled risk avoidance recommender system with spatial analysis functionality for Bacau Region*, publicată în volumul conferinței The 13th International Conference on Informatics in Economy, Education, Research & Business Technologies, IE 2014, pp. 33-38, ISSN 2284-7472, aflat în curs de indexare Thomson Reuters.
4. **Cosmin TOMOZEI** – *Evolution of Econometric Software for Cloud Computing by means of Reengineering and Virtualization*, The 11<sup>th</sup> International Conference of Informatics in Economy, București, 10-11 Mai 2012 , PUBLICAT ÎN Proceedings of the 11<sup>th</sup> International Conference of Informatics in Economy, pp. 24 – 29, , Thomson Reuters Web of Science Proceedings Database Editura ASE, București, 2012, ISSN 2284-7472.
5. **Cosmin TOMOZEI** - *Optimization through Refactoring and Reengineering of Distributed Econometric Applications*, The Tenth International Conference on Informatics in Economy, București, 5-6 Mai 2011, PUBLICAT ÎN Proceedings of The Tenth International Conference on Informatics in Economy, ASE Printing House, Bucharest, 2011, ISSN 2247-1480.
6. **Cosmin TOMOZEI** - *Assessment on dynamics and reengineering of distributed systems* - The 6<sup>th</sup> International Conference Strategies XXI European Security and Defence in the Context of the Economic and Financial Crisis, București 15-16 Aprilie 2010 , PUBLICAT ÎN volumul conferinței, Editura Universității Naționale de Apărare Carol I, Vol. 2, pp. 319-238, ISBN 978-973-663-8091.
7. **Cosmin TOMOZEI** - *Distributed Application Based On Reengineering For 2sIs Regression Analysis*, The 34<sup>th</sup> Annual Congress of the Romanian American Academy of Arts and Sciences ARA, București, 18-23 Mai 2010 ,PUBLICAT ÎN Proceedings of the 34<sup>th</sup> Annual Congress of the Romanian American Academy of Arts and Sciences ARA, Information Technology Section, pp. 433-437, 2010, Presses Internationales Politechnique Montreal, Quebec, ISBN 978-2-553-01547-

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8. **Cosmin TOMOZEI**, Florinela FLORIA, Rodica TOMOZEI - *Quality Metrics of Distributed Collaborative Systems in Higher Education and Research*, The 6<sup>th</sup> International Seminar *Quality Management In Higher Education*, Tulcea, 8-9 Iulie 2010, PUBLICAT ÎN ISI Web of Knowledge, ISI Proceedings Database, Proceedings of the 6<sup>th</sup> International Seminar *Quality Management In Higher Education* – QMHE 2010, vol. II, pp. 287- 290, ISBN 978-973-662-566-4.
  9. Elena NECHITA, Mihai TALMACIU, Iulia TIMOFTI, **Cosmin TOMOZEI** - *Study Concerning The Access To Online Educational Resources And The Use Of Online Collaboration Instruments*, , The 6<sup>th</sup> International Seminar *Quality Management In Higher Education*, Tulcea, 8-9 Iulie 2010, PUBLICAT ÎN ISI Web of Knowledge, ISI Proceedings Database, Proceedings of the 6<sup>th</sup> International Seminar *Quality Management In Higher Education* – QMHE 2010, vol. 2, pp. 567-570, ISBN 978-973-662-566-4.
  10. **Cosmin TOMOZEI**, Cristian AMANCEI - *Auditing and Reengineering 2SLS Econometric Applications*, Proceedings of the 17<sup>th</sup> International Economic Conference, The Economic World' Destiny: Crisis and Globalization, Lucian Blaga University of Sibiu, Faculty of Economic Sciences, IECS 2010, 13-14 Mai 2010, PUBLICAT ÎN Proceedings, Section 5 Economic Information Technology in the Avant-Garde Of Change, pp. 206-214, ISBN 978-973-739-987-8.
  11. **Cosmin TOMOZEI** - *Security Engineering and Reengineering on Windows 2008 Server Based Distributed Systems*, International Conference on Security for Information Technology and Communication, București 19-20 Noiembrie 2009, PUBLICAT ÎN Journal of Information Technology & Communication Security, vol. 2, nr. 1, 2009, pp. 63-73, Editura ASE, ISBN 978-606-505-283-3.
  12. **Cosmin TOMOZEI** - *Distributed Collaborative Software Solution for Higher Education*, The Ninth International Conference of Informatics in Economy, ASE, București, 7-8 Mai 2009, PUBLICAT ÎN Proceedings of The Ninth International Conference of Informatics in Economy, Editura ASE, București, 2009, pp. 113-119, ISBN 978-606-505-172-2.
  13. **Cosmin TOMOZEI** – *N-Tier Distributed Applications Dependable Construction*, International Conference on Security for Information Technology and Communication, București 27-28 Noiembrie 2008, PUBLICAT ÎN Journal of Information Technology & Communication Security, vol I, nr. 1, 2008, pp. 65-71, ISBN 978606-505-137-9.
  14. Ion IVAN, Marius POPA, **Cosmin TOMOZEI** – *Features of the Text Entities Reengineering Processes*, Simpozionul Internațional Innovative Applications of Information Technologies in Business and Management, Iași, 14-15 Octombrie

2005, PUBLICAT ÎN Proceedings of the International Symposium Innovative Applications of Information Technologies in Business and Management, Editura PIM, IAȘI, 2005, pp. 48-53, ISBN 9730716-189-0.

15. **Cosmin TOMOZEI**, Simona VÂRLAN - *Strategies in Computer Science Teaching An Object Oriented Approach*, Conferința Națională de Matematică și Informatică CNMIO7, Bacău, 2007, *Studii și Cercetări Științifice, seria Matematică*, vol. 17, nr. 2, 2007, pp. 281- 290, ISSN 1224-2519.
16. Simona VÂRLAN, **Cosmin TOMOZEI** – *Simple Knowledge Organization System*, Conferinta Națională de Matematică și Informatică CNMIO7, Bacău Proceedings, *Studii și Cercetări Științifice, seria Matematică-Informatică*, nr. 17, vol. 2, 2007, pp. 299 -308, ISSN 1224-2519.

#### **E. PROIECTE DE CERCETARE - DEZVOLTARE**

1. Expert IT în proiectul *Bacău and Lugano – Teaching Informatics for a Sustainable Society – BLISS*, co-financed by a grant from Switzerland through the Swiss Contribution to the enlarged European Union, <http://www.bliss.ub.ro> .
2. Expert IT în proiectul FSE - POSDRU, *Extending learning opportunities through innovation, research and interaction with business*, ID 137623, <http://www.opportunitati-invatare.ro>.

#### **F. PRELEGERI LA UNIVERSITĂȚI DIN STRAINATATE**

1. Hanze University of Applied Sciences Groningen, The Netherlands, 2015 – *Healthy ageing mobile gis applications development and audit for social sustainability*.
2. Hanze University of Applied Sciences Groningen, The Netherlands, 2014 – i) *.NET and Windows Phone Applications Development*; ii) *Blogosphere and Interculturality*.
3. Complutense University of Madrid, CES Felipe II, 2012 – *Econometric applications development on the .NET platform*.

