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LISTA lucrărilor științifice în domeniul disciplinelor din postul didactic

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. Titlului științific de doctor a fost confirmat prin OM 3250 MD din data de 20.02.2013.

B. Cărți și capitole în cărți publicate în ultimii 10 ani

1. **Cosmin TOMOZEI**, Simona VÂRLAN - Research processes and advisory activity for the final thesis construction, within in the Romanian Higher Education System. Considerations for the Computer Science and Software Engineering domains, capitol publicat în volumul Informatics. Innovative Teaching Approaces, pp. 135 – 148, Casa cărții de știință, 2016, ISBN 978-606-17-0978-6.
2. 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;
3. **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;
- 4.. **Cosmin TOMOZEI** – Tehnologii multimedia pentru comunicare online, Editura Alma Mater, Bacău, România, 2014, ISBN 978-606-527-434-1.

A. 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 VERCRUYSSSEN, **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. 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.
5. Florinela Floria, **Cosmin TOMOZEI** – *Blogosphere and Interculturality*, Mihail Kogalniceanu University of Iasi Scientific Bulletin Vol.22, No. 1 pp.167-176. ISSN 1221-4876.
6. **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.
7. 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.
8. **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.
9. 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.
10. **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.
11. **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.
12. **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.
13. **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.

14. **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.
15. **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.
16. 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.
17. **Cosmin TOMOZEI** – *Hypertext Entities Semantic Web-Oriented Reengineering*, Journal of Applied Quantitative Methods, vol. III, nr. 1, 2008, pp. 9- 19, ISSN 1842-4562.
18. **Cosmin TOMOZEI** – *Internet Databases in Quality Information Improvement*, Journal of Applied Quantitative Methods, vol II, nr 1, 2007, pp. 83-88, ISSN 1842-4562.
19. **Cosmin TOMOZEI**, Simona VÂRLAN – *Distributed Applications Re-engineering metrics*, Studii si Cercetari Stiintifice seria Matematica, nr.17, pp. 253-264, ISSN 1224-2519, 2007
20. 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.
21. Ion IVAN, Cătălin BOJA, **Cosmin TOMOZEI** – *Turn-key software programs*, Informatica Economică ,vol. 9, nr. 3, 2005, pp. 96-103, ISSN 1453-1305.

B. LUCRARI PUBLICATE ÎN VOLUMELE CONFERINȚELOR

1. **Cosmin TOMOZEI**, Iulian FURDU, Simona-Elena VÂRLAN - *GIS SDKs dynamics echoed by social requirements transformations*, Proceedings of BELgian-NEtherlands Software eVOLution Symposium, BENEVOL 2017, pp. 22 – 25, <http://ceur-ws.org/Vol-2047/>, Vol-2047, ISSN 1613 - 0073
2. **Cosmin TOMOZEI**, Iulian FURDU, Liviu SOCIU - *Research and development activities enhancement in higher education institutions through collaborative applications*, Proceedings of the 16th International Conference on Informatics in Economy, IE 2017, pp. 58 – 64, Bucharest, 2017, ISSN 2284-7472.
3. Iulian FURDU, **Cosmin TOMOZEI**, Cristian AMANCEI - *Failover clusters engineering and reengineering within the research projects development process*, Proceedings of the 16th International Conference on Informatics in Economy, IE 2017, pp. 364 – 370, ISSN 2284-7472.
4. Venera-Mihaela Cojocariu, Iulian Marius Furdu, **Cosmin TOMOZEI** - *Reliable Distributed Software Platform for Optimizing the Convergence between the University System and the Labour Market* – Proceedings of International Technology, Education and Development Conference – INTED 2017, pp. 843-852, Valencia, Spain, ISSN: 2340-1079.

5. **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.
6. **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, Social Media in Academia, Research and Teaching, Thomson Reuters Proceedings Database pp.105-110, ISBN 978-88-7587-712-5 2014.
7. **Cosmin TOMOZEI**, Cristian AMANCEI - *Mobile enabled risk avoidance recommender system with spatial analysis functionality for Bacau Region*, PUBLICAT 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.
8. **Cosmin TOMOZEI** – *Evolution of Econometric Software for Cloud Computing by means of Reengineering and Virtualization*, The 11th International Conference of Informatics in Economy, București, 10-11 Mai 2012 , PUBLICAT ÎN Proceedings of the 11th International Conference of Informatics in Economy, pp. 24 – 29, , Thomson Reuters Web of Science Proceedings Database Editura ASE, București, 2012, ISSN 2284-7472.
9. **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.
10. **Cosmin TOMOZEI** - *Assessment on dynamics and reengineering of distributed systems - The 6th 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.
11. **Cosmin TOMOZEI** - *Distributed Application Based On Reengineering For 2s/s Regression Analysis*, The 34th Annual Congress of the Romanian American Academy of Arts and Sciences ARA, București, 18-23 Mai 2010 ,PUBLICAT ÎN Proceedings of the 34th 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 978-2-553-01547-2.
12. **Cosmin TOMOZEI**, Florinela FLORIA, Rodica TOMOZEI - *Quality Metrics of Distributed Collaborative Systems in Higher Education and Research*, The 6th International Seminar *Quality Management In Higher Education*, Tulcea, 8-9 Iulie 2010, PUBLICAT ÎN ISI Web of Knowledge, ISI Proceedings Database, Proceedings of the 6th International Seminar *Quality Management In Higher Education* – QMHE 2010, vol. II,

pp. 287- 290, ISBN 978-973-662-566-4.

13. Elena NECHITA, Mihai TALMACIU, Iulia TIMOFTI, **Cosmin TOMOZEI** - *Study Concerning The Access To Online Educational Resources And The Use Of Online Collaboration Instruments*, , The 6th International Seminar *Quality Management In Higher Education*, Tulcea, 8-9 Iulie 2010, PUBLICAT ÎN ISI Web of Knowledge, ISI Proceedings Database, Proceedings of the 6th International Seminar *Quality Management In Higher Education – QMHE 2010*, vol. 2, pp. 567-570, ISBN 978-973-662-566-4.
14. **Cosmin TOMOZEI**, Cristian AMANCEI - *Auditing and Reengineering 2SLS Econometric Applications*, Proceedings of the 17th 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.
15. **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.
16. **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.
17. **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.
18. 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.
19. **Cosmin TOMOZEI**, Simona VÂRLAN - *Strategies in Computer Science Teaching An Object Oriented Approach*, Conferința Națională de Matematică și Informatică CNMI07, Bacău, 2007, *Studii și Cercetări Științifice, seria Matematică*, vol. 17, nr. 2, 2007, pp. 281- 290, ISSN 1224-2519.
20. Simona VÂRLAN, **Cosmin TOMOZEI** – *Simple Knowledge Organization System*, Conferința Națională de Matematică și Informatică CNMI07, Bacău Proceedings, *Studii*

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>.
3. CERCETĂTOR POSTDOCTORAL în cadrul proiectului PN-III-P2-2.1-PTE-2016-0068 Tehnologii informatice multiplatformă cu aplicații interactive în limba română pentru terapie logopedică – TIMLOGORO
4. EXPERT IT în cadrul proiectului CNFIS-FDI-2016-0101, Dezvoltare profesională și angajabilitate – convergența universității cu piața muncii - DeProfAn, în cadrul Departamentului de Consiliere Profesională.

F. PRELEGERI LA UNIVERSITĂȚI DIN STRAINATATE

1. Hanze University of Applied Sciences Groningen, The Netherlands, 2015 – Stagiul de predare cu tema *Healthy ageing mobile gis applications development and audit for social sustainability*.
2. University of Lugano, Elveția – Stagiul de cercetare în cadrul proiectului româno – elvețian *Bacău and Lugano – Teaching Informatics for a Sustainable Society – BLISS*
3. Hanze University of Applied Sciences Groningen, The Netherlands, 2014 – Stagiul de predare cu tema i) *.NET and Windows Phone Applications Development*; ii) *Blogosphere and Interculturality*.
4. Complutense University of Madrid, CES Felipe II, 2012 – Stagiul de predare cu tema *Econometric applications development on the .NET platform*.
5. University of Coimbra, Portugal – Stagiul de predare cu tema i) *Visual Studio and the .NET Platform – a Systems Integration Approach* ii) *Visual Studio and the .NET Platform – Integration and Manipulation of Data*

Data

10.01.2019