

Publication List

Assoc. prof. Mihaela Dinsoreanu, PhD

a) Publications part of the habilitation thesis

1. **Dinsoreanu, M.**, Braescu, L., Bacu, A. (2012). Towards a semantic-driven automatic staging area design for heterogeneous data integration. In Proceedings of the 14th International Conference on Information Integration and Web-based Applications & Services (pp. 290-293). ACM.
2. **Dinsoreanu, M.**, Potolea, R. (2013). Towards a Unified Thematic Model for Recommending Context-Sensitive Content. In Knowledge Discovery, Knowledge Engineering and Knowledge Management (pp. 68-83). Springer Berlin Heidelberg.
3. Hasna O.L., Macicasan F.C., **Dinsoreanu M.** and Potolea R. (2014), Sentiment Polarity Extension for Context-Sensitive Recommender Systems, In Proceedings of International Conference on Knowledge Discovery and Information Retrieval (KDIR 2014), (pp. 126 - 137), ScitePress
4. Anisiei, A. L., **Dinsoreanu, M.**, Lemnaru, C., Potolea, R. (2014). Extracting opinion holders and targets in Romanian texts. In Intelligent Computer Communication and Processing (ICCP), 2014 IEEE International Conference on (pp. 37-42). IEEE.
5. Russu, R. M., **Dinsoreanu, M.**, Vlad, O. L., Potolea, R. (2014). An opinion mining approach for Romanian language. In Intelligent Computer Communication and Processing (ICCP), 2014 IEEE International Conference on (pp. 43-46). IEEE.
6. Cosma, A. C., Itu, V. V., Suciu, D. A., **Dinsoreanu, M.**, Potolea, R. (2014). Overcoming the domain barrier in opinion extraction. In Intelligent Computer Communication and Processing (ICCP), 2014 IEEE International Conference on (pp. 289-296). IEEE.
7. Suciu D.A., Itu V.V., Cosma A.C., **Dinsoreanu M.** and Potolea R. (2014), Learning Good Opinions from Just Two Words Is Not Bad, In Proceedings of International Conference on Knowledge Discovery and Information Retrieval (KDIR 2014), (pp. 233 – 241), ScitePress.
8. **Dinsoreanu M.**, Bacu A., (2014), Unsupervised Twitter Sentiment Classification, In Proceedings of International Conference on Knowledge Discovery and Information Retrieval (KDIR 2014), (pp. 220 – 227), ScitePress
9. M.Dinsoreanu, R.Potolea. (2014), Opinion-driven communities' detection, (M. Indrawan-Santiago, Eds.) International Journal of Web Information Systems, 10(4), 324–342.
10. **Dinsoreanu M.**, Potolea R. (2013), A scalable approach for Contradiction Detection driven by Opinion mining, In Proceedings of International Conference on Information Integration and Web-based Applications & Services - IIWAS '13 (p. 7–15).
11. Ionescu V., **Dinsoreanu M.** (2013), An approach to mining financial markets through market state classification, In 2013 IEEE 9th International Conference on Intelligent Computer Communication and Processing (ICCP) (p. 43–46) IEEE.

b) Doctoral thesis

“Contributions to the Modelling of Distributed Systems with Cooperative Agents”

Scientific supervisor: Prof.Dr. Eng. Kalman Pusztai

Public defense: 9 July 2004

c) Books and book chapters

Books

1. M. Dinsoreanu, Proiectarea sistemelor bazate pe agenti (Design of agent-based systems), ISBN 973-662-219-3, UTPress, Cluj-Napoca, 2006
2. I.Salomie, M.Dinsoreanu, Metode Orientate Obiect (Object Oriented Methods). Practical work, Mediamira Publ. House, Cluj-Napoca, 1999
3. I.A. Letia, C. Cenan, E.St. Chifu, M. Dinsoreanu, D. Zaiu, Inteligenta artificiala (Artificial Intelligence). Practical work. UTPress, Cluj-Napoca, 1997

Book chapters

1. M. Dinsoreanu, R. Potolea, Opinion-driven communities' detection, in International Journal of Web Information Systems, vol:10, iss:4 ,ISSN: 1744-0084, pp.324 – 342, Emerald Group Publishing, UK, 2014
2. M. Dinsoreanu, R. Potolea, Towards a Unified Thematic Model for Recommending Context-Sensitive Content, in Communications in Computer and Information Science, vol. 415, pp. 68-83, Springer-Verlag Heidelberg, Germany, 2013
3. I. Salomie, M.Dinsoreanu, C.B. Pop, S.L. Suciu, ArhiNet-A Knowledge-based System for Creating, Processing and Querying Archival eContent, in Lecture Notes in Business Information Processing (LNBIP), Volume 45, ISBN 978-3-642-12435-8, pp. 99-112, Springer Heidelberg, Germany, 2010.
4. C.B. Pop, V.R. Chifu, I.Salomie, M.Dinsoreanu, V.Acretoaie, T.David, Semantic Web Service Clustering for Efficient Discovery Using an Ant-based Method, in INTELLIGENT DISTRIBUTED COMPUTING IV, Studies in Computational Intelligence , Volume 315/2010, pp. 23-33, Springer-Verlag Heidelberg, Germany, 2010
5. I.Salomie, F. Hamza-Lup, R. Bot, M. Dinsoreanu, A.Suciu, Design Decisions of the Virtual University in the Framework of Coned Tempus Project, in Ioan Salomie, Kalman Pusztai, Sergiu Nedeveschi (Editors) "Web based Educational Technology", ISBN 973-686-066-3, pp. 223 – 235, Casa Cartii de Stiinta Publ. House, Cluj-Napoca, 2000

d) Journal papers

1. C.B.Pop, V.Chifu, I.Salomie, M. Dinsoreanu, T. David, V.Acretoaie, A.Nagy, C.Oprisa, Biologically-inspired clustering of semantic Web services. Birds or ants intelligence?, in CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, vol. 24, no. 6, pp. 619-633, 2012.
2. V.R.Chifu, C.B.Pop, I. Salomie, M. Dinsoreanu, S. Suia, A. Niculici, Optimizing the Semantic Web Service Composition Process using Cuckoo Search, in F.M.T. Brazier et al (Eds.) INTELLIGENT DISTRIBUTED COMPUTING V, Studies in Computational Intelligence, Volume 382/2012, pp. 93-102, 2012
3. C.B. Pop, V.R. Chifu, I. Salomie, R.B. Baico, M. Dinsoreanu, G. Copil, A hybrid firefly-inspired approach for optimal semantic web service composition, in Scalable Computing, vol. 12, no. 3, pp. 363-369, 2011.
4. V.R.Chifu, C.B.Pop, I. Salomie, M. Dinsoreanu, T. David, V.Acretoaie, Ant-based Methods for Semantic Web Service Discovery and Composition in Ubiquitous Computing And Communication Journal, Special Issue of RoEduNet, 2011
5. C.B. Pop, V.R. Chifu, I. Salomie, M. Dinsoreanu, T. David, V. Acretoaie, Ant-inspired framework for automatic web service composition, in Scalable Computing, vol. 12, no. 1, pp. 137-150, 2011.
6. V.R. Chifu, C.B. Pop, I. Salomie, M. Dinsoreanu, A.N. Niculici, D.S. Suia, Bio-inspired methods for selecting the optimal web service composition: Bees or cuckoos intelligence?, in International Journal of Business Intelligence and Data Mining, vol. 6, no. 4, pp. 321-344, 2011.

7. Ionut Anghel, Tudor Cioara, Ioan Salomie, Mihaela Dinsoreanu, Anca Rarau, Middleware for Smart Environments Management, in INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL, vol. 5, no. 2, pp. 148-159, 2010.
8. Cristina Pop, Viorica Chifu, Ioan Salomie, Mihaela Dinsoreanu, Immune-Inspired Method for Selecting the Optimal Solution in Web Service Composition, in RESOURCE DISCOVERY, vol. 6162, pp. 1-17, 2010.
9. Ioan Salomie, Mihaela Dinsoreanu, Cristina Pop, Sorin Suci, ArhiNet - A Knowledge-Based System for Creating, Processing and Retrieving Archival eContent, in WEB INFORMATION SYSTEMS AND TECHNOLOGIES, vol. 45, pp. 99-112, 2010.
10. M. Dinsoreanu, A. Minculescu, G. Sandor, I. Gorcea, V. Turian, A Distributed Approach for OWL Ontology Management and Query Answering, in Automation, Computers, Applied Mathematics Journal, Volume 19, Number 3, pp.454-462, 2010
11. M. Dinsoreanu, T.-A. Gasko, A. D. Ghirisan, Semi-Automatic Method for Knowledge Acquisition from Historical Documents, in Automation, Computers, Applied Mathematics Journal, Volume 19, Number 3, pp.468-475, 2010
12. C.B. Pop , V.R. Chifu, I. Salomie, M. Dinsoreanu, M. Fodor, I. Condor, A Bee-inspired Approach for Selecting the Optimal Service Composition Solution, in Development and Application Systems, pp. 102-2010.
13. Ioan Salomie, Mihaela Dinsoreanu, Cristina Pop, Sorin Suci, Knowledge Acquisition from Historical Documents for Preserving Transylvanian Cultural Heritage, in ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING, vol. 9, no. 2, pp. 16-22, 2009.
14. T. Cioara, L. Anghel, L. Salomie, M. Dinsoreanu, A generic context model enhanced with self-configuring features, in Journal of Digital Information Management, vol. 7, no. 3, pp. 159-165, 2009.
15. M. Dinsoreanu, T. Cioara, I. Anghel, L. Dinsorean, M. Georgiu, I. Carja, I. Dragan, L. Ardelean, Information Extraction from Romanian Archival Documents, ACAM Journal, Vol 18(2), pp. 283-289, 2009
16. M. Dinsoreanu, I. Salomie, C. Rat, S. Suci, T. Cioara, I. Anghel, I. Carja, I. Dragan, L. Ardelean, Hierarchical Data Models for the ArhiNet Ontology Representation and Processing, ACAM Journal, Vol 18(2), pp. 289-295, 2009
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18. I. Salomie, M. Dinsoreanu, C. B. Pop, L.S. Suci, Logistic Chain Modeling and Generation for SOA-based Total Traceability, ACAM Journal, Vol. 17 (2008), Number 1, pp. 102-112
19. M. Dinsoreanu, I. Salomie, S. Nedevschi, I. Coman, B. Petrut, V. Stanca, B. Tintila, C. B. Pop, S.L. Suci, T.I. Salomie, E. Varga, D. Danc, Knowledge Engineering in the Prostate Cancer Domain, ACAM Journal, Vol. 17 (2008), Number 1, pp. 54-58
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e) Conference papers

1. Cristina Radulescu, Mihaela Dinsoreanu, Rodica Potolea, Identification of Spam Comments using Natural Language Processing Techniques, in 2014 IEEE

- INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING (ICCP), pp. 29-35, 2014.
2. Ancuta-Lenuta Anisie, Camelia Lemnar, Mihaela Dinsoreanu, Rodica Potolea, Extracting Opinion Holders and Targets in Romanian Texts, in 2014 IEEE INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING (ICCP), pp. 37-42, 2014.
 3. Roxana Russu, Oana Vlad, Mihaela Dinsoreanu, Rodica Potolea, An Opinion Mining Approach For Romanian Language, in 2014 IEEE INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING (ICCP), pp. 43-46, 2014.
 4. Alexandru Cosma, Vlad-Vasile Itu, Darius Suciu, Mihaela Dinsoreanu, Rodica Potolea, Overcoming the Domain Barrier in Opinion Extraction, in 2014 IEEE INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING (ICCP), pp. 289-296, 2014.
 5. Viorica Chifu, Cristina Pop, Ioan Salomie, Mihaela Dinsoreanu, Vlad Acretoaie, Tudor David, An Ant-inspired Approach for Semantic Web Service Clustering, in 9TH ROEDUNET IEEE INTERNATIONAL CONFERENCE, pp. 145-150, 2010.
 6. Tudor Cioara, Ionut Anghel, Ioan Salomie, Mihaela Dinsoreanu, Georgiana Copil, Daniel Moldovan, A Self-Adapting Algorithm for Context Aware Systems, in 9TH ROEDUNET IEEE INTERNATIONAL CONFERENCE, pp. 374-379, 2010.
 7. Ioan Salomie, Mihaela Dinsoreanu, Cornel Rat, Sorin Suciu, Efficient Ontology Processing Using Hierarchical Data Models Representation, in 2009 IEEE 5TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING, PROCEEDINGS, pp. 211-214, 2009.
 8. Ionut Anghel, Tudor Cioara, Ioan Salomie, Mihaela Dinsoreanu, Anca Rarau, A Policy Driven Self-healing Algorithm for Context Aware Systems, in 2009 IEEE 5TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING, PROCEEDINGS, pp. 229-236, 2009.
 9. Tudor Cioara, Ionut Anghel, Ioan Salomie, Mihaela Dinsoreanu, A Context-based Semantically Enhanced Information Retrieval Model, in 2009 IEEE 5TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING, PROCEEDINGS, pp. 245-250, 2009.
 10. Cristina Pop, Viorica Chifu, Ioan Salomie, Mihaela Dinsoreanu, Optimal Web Service Composition Method based on an Enhanced Planning Graph and Using an Immune-inspired Algorithm, in 2009 IEEE 5TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING, PROCEEDINGS, pp. 291-298, 2009.
 11. Ioan Salomie, Mihaela Dinsoreanu, Cristina Pop, Sorin Suciu, RULE-BASED KNOWLEDGE ACQUISITION FROM HISTORICAL DOCUMENTS, in KEPT 2009: KNOWLEDGE ENGINEERING PRINCIPLES AND TECHNIQUES, pp. 143-150, 2009.
 12. Tudor Cioara, Ionut Anghel, Ioan Salomie, Mihaela Dinsoreanu, Anca Rarau, A SELF-CONFIGURING MIDDLEWARE FOR DEVELOPING CONTEXT AWARE APPLICATIONS, in KEPT 2009: KNOWLEDGE ENGINEERING PRINCIPLES AND TECHNIQUES, pp. 365-372, 2009.
 13. Ioan Salomie, Mihaela Dinsoreanu, Cristina Pop, Sorin Suciu, Tudor Vlad, Ioana Iacob, ARHINET A System for Generating and Processing Semantically-Enhanced Archival eContent, in WEBIST 2009: PROCEEDINGS OF THE FIFTH INTERNATIONAL CONFERENCE ON WEB INFORMATION SYSTEMS AND TECHNOLOGIES, pp. 151-158, 2009.

14. Ionut Anghel, Tudor Cioara, Ioan Salomie, Mihaela Dinsoreanu, Anca Rarau, A SELF-CONFIGURING MIDDLEWARE FOR MANAGING CONTEXT AWARENESS, in WINSYS 2009: PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON WIRELESS INFORMATION NETWORKS AND SYSTEMS, pp. 131-138, 2009.
15. Ioan Salomie, Ionut Anghel, Tudor Cioara, Mihaela Dinsoreanu, A Context Awareness Model Enhanced with Autonomic Features, in 2008 IEEE 4TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING, PROCEEDINGS, pp. 239-246, 2008.
16. Ioan Salomie, Tudor Cioara, Ionut Anghel, Mihaela Dinsoreanu, RAP - A Basic Context Awareness Model, in 2008 IEEE 4TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING, PROCEEDINGS, pp. 315-318, 2008.
17. I. Salomie, M. Dinsoreanu, C. Pop, S. Suci, Logistic chain generation with traceability features using web services composition, in 2008 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR 2008), THETA 16TH EDITION, VOL I, PROCEEDINGS, pp. 393-397, 2008.
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19. Ioan Salomie, Tudor Cioara, Ionut Anghel, Mihaela Dinsoreanu, Tudor Salomie, A layered workflow model enhanced with process algebra verification for industrial processes, in ICCP 2007: IEEE 3RD INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING, PROCEEDINGS, pp. 185-191, 2007.
20. Ioan Salomie, Tudor Cioara, Ionut Anghel, Mihaela Dinsoreanu, Tudor Salomie, Machine simulation for workflow integration testing, in ICCP 2007: IEEE 3RD INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING, PROCEEDINGS, pp. 193-199, 2007.
21. Ioan Salomie, Tudor Cioara, Ionut Anghel, Mihaela Dinsoreanu, Tudor Salomie, Workflow models enhanced with process algebra verification for industrial business processes, in PROCEEDING OF THE 11TH WSEAS INTERNATIONAL CONFERENCE ON COMPUTERS: COMPUTER SCIENCE AND TECHNOLOGY, VOL 4, pp. 501-506, 2007.
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23. M. Dinsoreanu, D. Morar, I. Salomie, Implementing design patterns as aspects, in Modelling and Simulation 2005, pp. 185-189, 2005.
24. M. Dinsoreanu, C. Godja, C. Anghel, I. Salomie, T. Coffey, Mobile agent based solutions for knowledge assessment in eLearning environments, in EUROMEDIA '2003: 8th Annual Euromedia Conference, pp. 108-112, 2003.
25. M. Dinsoreanu, I. Salomie, K. Pusztai, On the design of agent-based systems using UML and extensions, in ITI 2002: PROCEEDINGS OF THE 24TH INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY INTERFACES, pp. 205-210, 2002.
26. M. Dinsoreanu, A. Bacu, Unsupervised Twitter sentiment classification, in KMIS 2014 - Proceedings of the International Conference on Knowledge Management and Information Sharing, pp. 220-227, 2014.

27. O.L. Hasna, F.C. Macicasan, M. Dinsoreanu, R. Potolea, Sentiment polarity extension for context-sensitive recommender systems, in KDIR 2014 - Proceedings of the International Conference on Knowledge Discovery and Information Retrieval, pp. 126-137, 2014.
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29. R.-S. Chiorean, M. Dinsoreanu, D.-I. Faloba, R. Potolea, Sentiment polarity identification using machine learning techniques, in Proceedings - 2013 IEEE 9th International Conference on Intelligent Computer Communication and Processing, ICCP 2013, pp. 47-50, 2013.
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31. B. Vancea, A. Marchis, M. Dinsoreanu, R. Potolea, Contradiction detection between opinions: From a big data perspective, in Proceedings - 2013 IEEE 9th International Conference on Intelligent Computer Communication and Processing, ICCP 2013, pp. 259-266, 2013.
32. V. Ionescu, M. Dinsoreanu, An approach to mining financial markets through market state classification, in Proceedings - 2013 IEEE 9th International Conference on Intelligent Computer Communication and Processing, ICCP 2013, pp. 43-46, 2013.
33. M. Dinsoreanu, R. Potolea, A scalable approach for contradiction detection driven by opinion mining, in ACM International Conference Proceeding Series, In Proceedings of International Conference on Information Integration and Web-based Applications & Services - IIWAS '13 pp. 7-15, 2013.
34. M. Dinsoreanu, M. Dobrin, M. Florea, A. Fodor, An integrated case-based reasoning and ontology-driven approach for designing recommendation systems, in Proceedings - 2012 IEEE 8th International Conference on Intelligent Computer Communication and Processing, ICCP 2012, pp. 301-304, 2012.
35. M. Dinsoreanu, L. Braescu, A. Bacu, Towards a semantic-driven automatic staging area design for heterogeneous data integration, in ACM International Conference Proceeding Series, pp. 290-293, 2012.
36. M. Dinsoreanu, F.C. Macicasan, O.L. Hasna, R. Potolea, A unified approach for context-sensitive recommendations, in KDIR 2012 - Proceedings of the International Conference on Knowledge Discovery and Information Retrieval, pp. 85-94, 2012.
37. A. Nagy, C. Oprisa, I. Salomie, C.B. Pop, V.R. Chifu, M. Dinsoreanu, Particle swarm optimization for clustering semantic web services, in Proceedings - 2011 10th International Symposium on Parallel and Distributed Computing, ISPD 2011, pp. 170-177, 2011.
38. C.B. Pop, M. Vlad, V.R. Chifu, I. Salomie, M. Dinsoreanu, A tabu search optimization approach for semantic web service composition, in Proceedings - 2011 10th International Symposium on Parallel and Distributed Computing, ISPD 2011, pp. 274-277, 2011.
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- Symposium on Symbolic and Numeric Algorithms for Scientific Computing, SYNASC 2010, pp. 194-201, 2011.
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 43. T. Cioara, C.B. Pop, I. Anghel, I. Salomie, M. Dinsoreanu, I. Condor, F. Mihaly, Immune-inspired technique for optimizing server's energy consumption, in Proceedings - 2010 IEEE 6th International Conference on Intelligent Computer Communication and Processing, ICCP10, pp. 273-280, 2010.
 44. V.R. Chifu, C.B. Pop, I. Salomie, M. Dinsoreanu, A.E. Kover, R. Vachter, Web service composition technique based on a service graph and particle swarm optimization, in Proceedings - 2010 IEEE 6th International Conference on Intelligent Computer Communication and Processing, ICCP10, pp. 265-272, 2010.
 45. V.R. Chifu, M. Dinsoreanu, C.B. Pop, A.N. Niculici, I. Salomie, D.S. Suia, Selecting the optimal web service composition based on a multi-criteria bee-inspired method, in iiWAS2010 - 12th International Conference on Information Integration and Web-Based Applications and Services, pp. 40-47, 2010.
 46. T. Cioara, I. Anghel, I. Salomie, M. Dinsoreanu, G. Copil, D. Moldovan, A reinforcement learning based self-healing algorithm for managing context adaptation, in iiWAS2010 - 12th International Conference on Information Integration and Web-Based Applications and Services, pp. 859-862, 2010.
 47. C.B. Pop, V.R. Chifu, I. Salomie, M. Dinsoreanu, I. Vartic, M. Vlad, Immune-inspired web service composition framework, in SYNASC 2009 - 11th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, pp. 376-383, 2009.
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 49. I. Salomie, M. Dinsoreanu, C.B. Pop, S.L. Suci, Model and SOA solutions for traceability in logistic chains, in Proceedings of the 10th International Conference on Information Integration and Web-based Applications and Services, iiWAS 2008, pp. 339-344, 2008.
 50. T. Marian, B. Dumitriu, M. Dinsoreanu, I. Salomie, A framework of reusable structures for mobile agent development, in arXiv preprint cs/0605032, 2006.
 51. A.Moga, J.Soo, I. Salomie, M. Dinsoreanu, Adding self-healing behaviour to dynamic web service composition, in Proceedings of the 5th WSEAS International Conference on Data Networks, Communication and Computers, Bucharest, Romania, pp. 206-211-2006.
 52. E.St. Chifu, M. Dinsoreanu, I. Salomie, C.Teglas, G. Hamza-Lup, Mobile Evaluation Engines based on Latent Semantic Analysis, in RoEduNet,2002 Conference, Cluj-Napoca, 2002.