

Publications list - 2014.oct

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Books and book chapters

- C1. G. Moise, M. Vladoiu, Z. Constantinescu, MASECO - A Multi-Agent System for Evaluation and Classification of OERs and OCW Based on Quality Criteria, capitol în curs de publicare în cartea *e-Learning Paradigms and Applications; Agent-based Approach*, editori: Mirjana Ivanovic, Lakhmi Jain, Springer-Verlag, Germania, 2014
- C2. Z. Constantinescu, G. Moise, *Criptarea Informatiei. Ghid practic*, Editura Universității Petrol-Gaze din Ploiești, ISBN 978-973-719-522-7, 2013
- C3. Z. Constantinescu, M. Vladoiu, Using Open Source Desktop Grids in Scientific Computing and Visualization, capitol în cartea *Advances in Grid Computing*, InTech Open Access Publisher, ISBN: 978-953-7619-X-X, 2011
- C4. Z. Constantinescu - editor al cărții, *Advances in Grid Computing*, InTech Open Access Publisher, ISBN: 978-953-7619-X-X, 2011
- C5. Z. Constantinescu, *A Desktop Grid Computing Approach for Scientific Computing and Visualization*, teză de doctorat, NTNU 2008, ediția tipărită: ISBN: 978-82-471-9158-3, ediția online ISBN: 978-82-471-91613, online <http://ntnu.diva-portal.org/smash/get/diva2:124383/>

Peer reviewed papers in journals and conferences

- A1. G. Moise, M. Vladoiu, Z. Constantinescu, *GC-MAS - a Multiagent System for Building Creative Groups used in Computer Supported Collaborative Learning*, 8th International KES Conference on Agents and Multi-agent Systems, Technologies and Applications, AMSTA 2014. Chania, Greece, 18-20 June 2014. Springer, *Advances in Intelligent and Soft Computing series*.
- A2. Z. Constantinescu, M. Vladoiu, *Challenges in Safety, Security, and Privacy in the Development of Vehicle Tracking Systems*, International Workshop on Systems, Safety and Security for Automotive, Passenger and Goods Protection, IWSSS'2013, 2013, Sinaia, Romania.
- A3. M. Vladoiu, Z. Constantinescu, G. Moise, *QORECT - a Case-Based Framework for Quality-based Recommending OCW and OERs*, 5th International Conference Computational Collective Intelligence Technologies and Applications ICCCI'2013, Sesiunea Collective Computational Intelligence in Educational Context (COLEDU 2013), Craiova, Romania, C. Bădică, N. T. Nguyen, M. Brezovan (eds.), LNCS/LNAI 8083, pp. 681-690, Springer, Heidelberg, 2013.
- A4. M. Vladoiu, Z. Constantinescu, *Towards Assessment of Open Educational Resources and Open Courseware based on a Socio-Constructivist Quality Model*, 12th On The Move Federated Conferences and Workshops OTM 2013, Workshop-ul SOcial and MObile COmputing for collaborative environments (SOMOCO'2013), Graz, Austria, Y. T. Demey, H. Panetto (Eds.), LNCS 8186, pp. 684-693, Springer, Heidelberg, 2013.
- A5. Z. Constantinescu, M. Vladoiu, *Evaluation and Comparison of Eight Open Courseware based on a Quality Model*, 9th International Scientific Conference eLearning and Software for Education eLSE 2013, București, pp. 436-441, Ed. Editura Universitatii Nationale de Aparare "Carol I", 2013.

- A6. Z. Constantinescu, M. Vlădoiu, *Bilingual Subject-based Information Retrieval in NECLIB2 Digital Library*, International Journal of Computer Trends and Technology (IJCTT), vol. 3, no. 4, pp. 658-662, 2012, ISSN: 2231-2803.
- A7. M. Vlădoiu, Z. Constantinescu, *Evaluation and Comparison of Three Open Courseware Based on Quality Criteria*, 12th International Conference on Web Engineering ICWE 2012, 3rd Workshop on Quality in Web Engineering - QWE 2012, Berlin, Germania, LNCS 7703, pp. 204-215, Springer, Heidelberg, 2012.
- A8. Z. Constantinescu, M. Vlădoiu, *MNECLIB2 - A Classical Music Digital Library*, International Conference on Electrical, Computer, Electronics and Communication Engineering (ICECECE 2011), World Academy of Science, Engineering and Technology Journal vol. 56, pp. 682-689, 2011.
- A9. M. Vlădoiu, Z. Constantinescu, *Open Digital Library on Digital Libraries*, 10th International Conference Networking in Education and Research - RoEduNet, pp. 209-214, 2011.
- A10. M. Vlădoiu, Z. Constantinescu, *u-Learning within a Context-Aware Multiagent Environment*, International journal of Computer Networks & Communications (IJCNC), January 2011, Volume 3, Number 1, pp. 1-15.
- A11. Z. Constantinescu, M. Vlădoiu, *The BMIF Journal's Online Peer Review System*, Bulletin of Petroleum and Gas University of Ploiești, Series Mathematics, Informatics, Physics, ISSN 1224-4899, e-ISSN 2067-242X, vol. LXI, no. 1/2010, pp. 27-32, 2010.
- A12. M. Vlădoiu, Z. Constantinescu, *Learning with a Context-Aware Multiagent System*, 9th International Conference Networking in Education and Research - RoEduNet, pp. 368-373, 2010.
- A13. M. Vlădoiu, J. Cassens, Z. Constantinescu, *FACE -A Knowledge-Intensive Case-Based Architecture for Context-Aware Services*, F. Zavoral et al. (Eds.), 2nd International Conference on Networked Digital Technologies - NDT 2010, Communications in Computer and Information Science Series - CCIS 88, Part II, pp. 533-544, Springer, Heidelberg, 2010.
- A14. Z. Constantinescu, C. Marinoiu, M. Vlădoiu, *Driving style analysis using data mining techniques*, in International Journal of Computers, Communications & Control (IJCCC), ISSN 1841-9836; E-ISSN 1841-9844, Supplementary Issue ICCC, Vol. V, No.5, pp. 654-663, 2010.
- A15. Z. Constantinescu, M. Vlădoiu, *A Solution for Improving Communications in Desktop Grid Systems*, Bulletin of Petroleum and Gas University of Ploiești, Series Mathematics, Informatics, Physics, ISSN 1224-4899, e-ISSN 2067-242X, vol. LXI, no. 2/2009, pp. 27-32, 2009.
- A16. Z. Constantinescu, M. Vlădoiu, *Adaptive Compression for Remote Visualization*, Bulletin of Petroleum and Gas University of Ploiești, Series Mathematics, Informatics, Physics, ISSN 1224-4899, e-ISSN 2067-242X, vol. LXI, no. 2/2009, pp. 49-58, 2009.
- A17. Z. Constantinescu, M. Vlădoiu, *Experimenting with Visualization on Desktop Grids*, Bulletin of Petroleum and Gas University of Ploiești, Technical Series, ISSN 1224-8495, vol. LXI, nr. 3/2009, pp. 255-260, 2009.
- A18. M. Vlădoiu, Z. Constantinescu, *Availability of Computational Resources for Desktop Grid Computing*, Bulletin of Petroleum and Gas University of Ploiești, Series Mathematics, Informatics, Physics, ISSN 1224-4899, vol. LXI, no. 1/2009, pp. 43-48, 2009.

- A19. M. Vladioiu, Z. Constantinescu, *Development Journey of QADPZ - A Desktop Grid Computing Platform*, International Journal of Computers, Communications & Control (IJCCC), ISSN 1841-9836; E-ISSN 1841-9844, Vol. IV, No. 1/2009, pp. 82-91, 2009.
- A20. Z. Constantinescu, M. Vladioiu, C. Negoita, *Overview of Desktop Grid Systems*, Bulletin of Petroleum and Gas University of Ploiești, Series Mathematics, Informatics, Physics, ISSN 1224-4899, vol. LX, no. 1/2008, pp. 39-48, 2008.
- A21. M. Vladioiu, Z. Constantinescu, *An Extended Master-Worker Model for a Desktop Grid Computing Platform (QADPZ)*, 3rd International Conference on Software and Data Technologies ICSoft 2008, ISBN 978-989-8111-51-7, Vol. I, pp. 169-174, 2008.
- A22. M. Vladioiu, Z. Constantinescu, *Toward Location-based Services using GPS-based Devices*, The 2008 International Conference of Wireless Networks ICWN 2008, ISBN 978-988-98671-9-5, Vol. I, pp. 799-804, 2008.
- A23. M. Vladioiu, Z. Constantinescu, *A Taxonomy for Desktop Grids from Users Perspective*, The 2008 International Conference of Parallel and Distributed Computing ICPDC 2008, ISBN 978-988-98671-9-5, Vol. I, pp. 599-604, 2008.
- A24. M. Vladioiu, Z. Constantinescu, *Framework For Building Of A Dynamic User Community (ePH)*, 10th International Conference on Enterprise Information Systems ICEIS 2008, June, Barcelona, Spain, ISBN 978-989-8111-48-7, pp. 73-78, 2008.
- A25. Z. Constantinescu, *Towards an Autonomic Distributed Computing System*, 14th International Conference on Database and Expert Systems DEXA 2003, Workshop on Autonomic Computing Systems ACS'2003, pp. 699 - 703, 2003.
- A26. Z. Constantinescu, J. Holmen, P. Petrovic, *Using Distributed Computing in Computational Fluid Dynamics*, 15th Parallel Computational Fluid Dynamics Conference ParCFD 2003, pp. 123-129, 2003.
- A27. Z. Constantinescu, P. Petrovic, *Q2ADPZ - An Open Source, Multi-platform System for Distributed Computing*, ACM Crossroads Student Magazine, Issue 9.2.
- A28. Z. Constantinescu, P. Petrovic, P. Pedersen, *Q2ADPZ - An Open system for distributed computing*, NordU2002 Conference, 2002.
- A29. Z. Constantinescu, G. Toussaint, *The Dynamics of Computer Virus Infection: A Systems Dynamic Perspective*, NTNU Report, 2002.
- A30. Z. Constantinescu, *Levels of Detail: An Overview*, The Journal of LANA, No. 5, November, 2000.
- A31. Z. Constantinescu, C. Stanciu, *JScm - Scheme Compiler for the Java Virtual Machine*, Scientific Conference for Students, "Politehnica" University of Bucharest, 1997.
- A32. Z. Constantinescu, C. Stanciu, *UnixVision - An Object Oriented User Interface for Unix*, 3rd Romanian Conference on Open Systems (ROSE'95), 1995.

Presentations

- P1. Z. Constantinescu, *Desktop Grid Experiments for Computational Science and Engineering*, PARA 08 - 9th International Workshop on State-of-the-Art in Scientific and Parallel Computing, May 13-16, 2008, Trondheim, Norway
- P2. J. Cassens, Z. Constantinescu, *Free Software: An Adequate Form of Software for Research and Education in Informatics?*, LinuxTag 2003 Conference, July, 2003, Karlsruhe, Germany
- P3. J. Cassens J., Z. Constantinescu, *Magic: SourceMage GNU/Linux as a High Performance Cluster OS*, LinuxTag 2003 Conference, July, 2003, Karlsruhe, Germany
- P4. Z. Constantinescu, *QADPZ - An Open System for Distributed Computing*, SINTEF, Unimed, Jan. 2003, Trondheim, Norway
- P5. J. Cassens, Z. Constantinescu, *ClustIS - Computational Cluster for Intelligent Systems*, NTNU - Aktivitetsuka, Feb. 2002, Trondheim, Norway
- P6. Z. Constantinescu, *Scientific Visualization - state-of-the-art*, CSE meeting (2), NTNU - IDI, Nov. 2001, Trondheim, Norway
- P7. Z. Constantinescu, *Scientific Computing - state-of-the-art*, CSE meeting (1), NTNU - IDI, Jun. 2001, Trondheim, Norway
- P8. Z. Constantinescu, *Research issues in Scientific Computing and Visualization*, WIM Workshop, Trakai, Lithuania, June 2001
- P9. Z. Constantinescu, *Infrastructures for Scientific Computing and Visualization*, CSGSC'2001 Conference, Trondheim, Norway - May 2001
- P10. Z. Constantinescu, *How to Lie with Scientific Visualization*, NTNU - IDI, Oct. 2000, Trondheim, Norway
- P11. Z. Constantinescu, *Visualization in Scientific Computing (Scientific Visualization)*, NTNU - IDI, Jan. 2000, Trondheim, Norway