

COMPUTER SCIENCE DEPARTMENT

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E. Ramollari, D. Kourtesis, D. Dranidis, and A. J. H. Simons, Leveraging Semantic Web Service Descriptions for Validation by Automated Functional Testing, in Proceedings of the 6th European Semantic Web Conference (ESWC2009), Heraklion, Greece, 31 May - 4 June 2009.

G. Eleftherakis, K. Rousis, M. Cislighi, and S. Somaschini. A View on the Role of Information Security on ICT-enabled Judicial Systems. In Proceedings of the 1st International Conference on ICT Solutions for Justice (ICT4JUSTICE '08), Thessaloniki, Greece, 2009, CEUR Workshop Proceedings, ISSN 1613-0073, online CEUR-WS.org/Vol-463/paper4.pdf.

M. Cislighi, G. Eleftherakis, D. Pellegrini, and K. Rousis. "A New Approach to International Judicial Cooperation through Secure ICT Platforms". In Proceedings of the 1st International Conference on ICT Solutions for Justice (ICT4JUSTICE '08), Thessaloniki, Greece, 2009, CEUR Workshop Proceedings, ISSN 1613-0073, online CEUR-WS.org/Vol-463/paper3.pdf.

Bamidis, P., Frantzidis, C., Konstantinidis, E., Luneski, A., Lithari, C., Klados, M., et al. (2009). An Integrated Approach to Emotion Recognition for Advanced Emotional Intelligence. In HCI International 2009.

Konstantinidis, E., Luneski, A., Nikolaidou, M., Hitoglou-Antoniadou, M., & Bamidis, P. (2009). Using Affective Avatars and Rich Multimedia Content for Education of Children with Autism. In 2nd International Conference on Pervasive Technologies Related to Assistive Environments (PETRA 2009), Workshop on Assistive Healthcare & Educational Technologies for special tArget groups (AHETA 2009).

Luneski, A., & Moore, R. (2008). Affective Computing and Collaborative Networks: Towards Emotion-Aware Interaction. In Pervasive Collaborative Networks (pp. 315–322). IFIP International Federation for Information Processing, 283. Springer Boston.

Z. Zygkosti, D. Dranidis, and D. Kourtesis, Semantic Annotation, Publication and Discovery of Java Software Components: An Integrated Approach, in Proceedings of the 2nd Workshop on Artificial Intelligence Techniques in Software Engineering (AISEW 2009) at the 5th IFIP Conference on Artificial Intelligence Applications and Innovations (AIAI 2009).

D. Kourtesis, and I. Paraskakis, Supporting Semantically Enhanced Web Service Discovery for Enterprise Application Integration, in Semantic Enterprise Application Integration for Business Processes: Service-Oriented Frameworks, G. Mentzas, P. Gouvas, T. Bouras, and A. Friesen, Eds. Hersley: IGI Global, 2009 (accepted and forthcoming).

D. Bibikas, D. Kourtesis, I. Paraskakis, A. Bernardi, L. Sauermann, D. Apostolou, G. Mentzas, and A.C. Vasconcelos, A Sociotechnical Approach to Knowledge Management in the Era of Enterprise 2.0: the Case of OrganiK, The Web on the Move. Special Issue in International Journal of Scalable Computing: Practice and Experience (SCPE), Vol. 9, No. 4, 2008, pp. 315-327 (ISSN 1895-1767).

D. Kourttesis, E. Ramollari, D. Dranidis, and I. Paraskakis, Discovery and Selection of Certified Web Services through Registry-Based Testing and Verification, in IFIP International Federation for Information Processing, Volume 283/2008, Pervasive Collaborative Networks, L. Camarinha-Matos and W. Pickard, Eds. Boston: Springer, 2008, pp. 473-482 (ISBN 978-0-387-84836-5).

Hatziapostolou, T., Paraskakis, I., Effective Provision of Formative Feedback in an e-Learning Environment, in Proceedings of the 8th European Conference on e-Learning (ECEL2009), Bari, Italy, October 29th – 30th, 2009.

Paraskakis, I., Konstantinidis, A., Bouras, T., Perakis, K., Pantelopoulos, S., Hatziapostolou, T., Provision of training for the IT Industry: The ELEVATE Project, in Proceedings of the 10th IFIP Working Conference on Virtual Enterprises (PRO-VE'09), Springer CPS, Thessaloniki, Greece, October 7th – 9th, 2009.

Paraskakis, I., Konstantinidis, A., Bouras, T., Perakis, K., Pantelopoulos, S., Hatziapostolou, T., Towards a Pedagogical Methodology and Model for IT industry training: The ELEVATE Project, 4th Balkan Conference in Informatics, IEEE CPS, Thessaloniki, Greece, September 17th- 19th, 2009.

Hatziapostolou, T., Kefalas, P., Sotiriadou, A., Promoting Computer Science Programmes to Potential Students: 10 Myths for Computer Science, in Proceedings of the Informatics Education Europe III Conference (IEEIII), Venice, Italy, December 4-5, 2008.

D. Kourttesis, E. Ramollari, D. Dranidis, and I. Paraskakis, Discovery and Selection of Certified Web Services through Registry-Based Testing and Verification, in Proceedings of the 9th IFIP Working Conference on Virtual Enterprises (PRO-VE'08), Poznan, Poland, September 2008.

Ketikidis, P., Sotiriadou, A., Hatziapostolou, T., Misopoulos, F., Editors, Proceedings of the 2nd International Conference on Entrepreneurship, Innovation and Regional Development, South-East European Research Centre, ISBN: 978-960-89629-9-6, April 2009

G. Eleftherakis, K. Rousis, M. Cislighi, Roberto Mazzilli, and Sara Ferri. Security Requirements in Judicial Information Systems: Experience from a European Project for Judicial Cross-Border Collaboration. *Journal of Information Assurance and Security (JIAS)*, 4(6):519-529, 2009. Special Issue on Information Assurance and Data Security.

George Eleftherakis, Christos K. Georgiadis, Panagiotis Ketikidis, and Demosthenes Stamatis, editors. Local Proceedings of the 4th Balkan Conference in Informatics (BCI'09), 17 - 19 Sep 2009, Thessaloniki, Greece. A.T.E.I. Thessalonikis, September 2009.

George Eleftherakis, Sarah Hannam, Eyfrosyni Kalyva, and Alexandros Psychogios, editors. Proceedings of the 4th South East European Doctoral Student Conference (DSC 2009), 6 - 7 July 2009, Thessaloniki, Greece. SEERC, July 2009.

Tom van Engers and George Eleftherakis (editors), 1st International Conference on ICT Solutions for Justice, ICT4Justice 2008, Thessaloniki, Greece, October 24, 2008 Post-Proceedings, volume 463. CEUR-WS.org, June 2009. online CEUR-WS.org/Vol-463/.

Elisa Negroni, Katherine Davies, Mauro Cislighi, George Eleftherakis, and Sara Ferri. European Judicial Collaboration Platform (JCP) for Secure International Judicial Collaboration. In Enrico Francesconi, Giovanni Sartor, and Daniela Tiscornia, editors, Legal Knowledge and Information Systems - JURIX 2008: The Twenty-First Annual Conference, volume 189 of Frontiers in Artificial Intelligence and Applications, pages 33-42, Florence, Italy, December 2008. IOS Press.

Mauro Cislighi, George Eleftherakis, Roberto Mazzilli, Francois Mohier, Sara Ferri, Valerio Giuffrida, and Elisa Negroni. Secure Judicial Communication Exchange using soft-computing methods and biometric authentication. In International Workshop on Computational Intelligence in Security for Information Systems (CISIS'08), Genova, Italy, October 2008.

D. Kourtesis, I. Paraskakis, and A.J.H. Simons, "Semantic Web Technologies in Support of Service Oriented Architecture Governance," in Proceedings of the 4th South East European Doctoral Student Conference (DSC 2009).

E. Ramollari, D. Kourtesis, D. Dranidis, and A.J.H. Simons, "Leveraging Semantic Web Service Descriptions for Validation by Automated Functional Testing," in Proceedings of the 6th European Semantic Web Conference (ESWC 2009), Lecture Notes in Computer Science (LNCS), vol. 5554, Springer-Verlag Berlin Heidelberg 2009, pp. 593–607.

Konstantinidis E., Luneski A, Frantzidis C.A., Pappas C., Bamidis, P.D., A Proposed Framework of an Interactive Semi-Virtual Environment for Enhanced Education of Children with Autism Spectrum Disorders. In 22nd IEEE International Symposium on Computer-Based Medical Systems, Albuquerque, New Mexico, USA. August 3-4, 2009. In press.

P.H. Ketikidis, S.C.L. Koh, N. Dimitriadis, A. Gunasekaran, M. Kehajova (2007) "The use of Information Systems for Logistics and supply chain management in South East Europe: current status and future direction" Omega – The International Journal of Management Science, Elsevier-Omega 36 (2008) 592 – 599.

Lameras, P., Paraskakis, I., Levy, P., Using Social Software for Teaching and Learning in Higher Education: A Social Constructivist Interpretation, in Social Software & Developing Community Ontologies, S. Hatzipanagos, Warbutron, S, (eds) to be published by IDEA group in 2008.

Bibikas D., Paraskakis I., Psychogios A., Vasconcelos A., Harmonising *codification* and *personalisation* approaches in organisational knowledge management through enterprise social software in Social Software & Developing Community Ontologies, S. Hatzipanagos, Warbutron, S, (eds) to be published by IDEA group in 2008.

Kourtesis D., Paraskakis I., Web Service Discovery in the FUSION Semantic Registry, paper accepted for publication in Proceedings of the 11th International Conference on Business Information Systems (BIS 2008), Innsbruck, Austria 5-7 May 2008

Kourtesis D., Paraskakis I., Friesen A, Gouvas P., and Bouras A., Web Service Discovery in a Semantically Extended UDDI Registry: the Case of FUSION, in IFIP International Federation for Information Processing, Volume 243/2007, Establishing the Foundation of Collaborative Networks, L. Camarinha-Matos, H. Afsarmanesh, P. Novais, and C. Analide, (eds). Boston: Springer, 2007, pp. 547-554 (ISBN 978-0-387-73797-3).

Lameras P., Paraskakis I., Levy P., Pedagogy and Tools for E-learning Practice, Paper presented and in Proceedings of Informatics Education Europe II by Kefalas P., Sotiriadou A., Davies G., & McGettrick A., (eds), 29-30 November 2007, Thessaloniki, Greece

Lameras, P., Paraskakis, I., Levy P., Conceptions of Teaching using Virtual Learning Environments: Preliminary Findings from A Phenomenographic Inquiry, Paper accepted to be presented in Sixth International Conference on Networked Learning, May 2008, Chalkidiki, Greece

Bibikas D., Paraskakis I., Psychogios A., Vasconcelos A., Emerging enterprise social software knowledge management environments: current practices and future challenges, Int. Journal of Learning and Intellectual Capital, paper accepted to be published in late 2008/early 2009.

I. Stamatopoulou, P. Kefalas, and M. Gheorghe. OPERAS: a formal framework for multi-agent systems and its application to swarm-based systems. In A. Artikis, G. O'Hare, K. Stathis, and G. Vouros, editors, *Proceedings of the 8th International Workshop on Engineering Societies in the Agents World (ESAW'07)*, pages 208-223, 2007a.

I. Stamatopoulou, P. Kefalas, and M. Gheorghe. OPERASCC: An instance of a formal framework for MAS modelling based on Population P Systems. In Lecture Notes in Computer Science , Eleftherakis, G.; Kefalas, P.; Paun, G.; Rozenberg, G.; Salomaa, A. (Eds.), Vol. 4860, pp 438-452, 2007

P. Kefalas, I. Stamatopoulou, and M. Gheorghe. Principles of transforming Communicating X-machines to Population P Systems. In G. Vaszil, editor, *Proceedings of the International Workshop on Automata for Cellular and Molecular Computing (ACMC'07)*, pages 76-89, 2007.

Dimitrios Kourtesis, Ervin Ramollari, Dimitris Dranidis, Iraklis Paraskakis, Towards Discovery And Selection Of Certified Services Through Registry-Based Testing And Verification, PROVE2008-04-03

Ervin Ramollari, Dimitrios Kourtesis, Dimitris Dranidis, and Anthony J. H. Simons, Reliable Web Service Discovery through Behavioural Verification and Validation, YRSOC2008.

Paraskakis I., Pantelopoulos S., Kalaboukas, K., Designing eLearning Software for the development of Software Enterprise Personnel: the case of ELEVATE, The International Journal on Informatics and New Media in Education, ISSN 1820-7510, 2008

Hatziapostolou T., Papadopoulos L., Paraskakis I., Towards an Ambient Course Management System: Facilitating the creation of students personal notes in Claroline, The International Journal on Informatics and New Media in Education, ISSN 1820-7510, 2008

Hatziapostolou T., Paraskakis I., Applying pedagogical considerations in developing online material for a distance learning Computer Science Foundation course, Paper accepted to be presented in Ed-Media 2008, Vienna, July 2008

Paraskakis I., Hatziapostolou T., Facilitating Access to Distance Education: Creating Pedagogically Driven Courseware Using Simple Technologies, in Proceedings of 8th IEEE International Conference on Advanced Learning Technologies, July 2008

O. Paunovski, G. Eleftherakis, and K. P. Dimopoulos, "Evaluation of selective distributed discovery within distributed bio-active agent community," in 2nd International Symposium on Intelligent Distributed Computing (IDC'2008) Catania, Italy, 2008.

I. Stamatopoulou, P. Kefalas, and M. Gheorghe. OPERAS: a formal framework for multi-agent systems and its application to swarm-based systems. LNAI, A.Artikis, G.O'Hare, K.Stathis, and G.Vouros (Eds.), (to be published), Springer, 2008

Mauro Cislighi, George Eleftherakis, Roberto Mazzilli, Francois Mohier, Daniela Intravaia, Domenico Pellegrini, Sara Ferri, Valerio Giuffrida, Vuksan Vuksanovic, and Elisa Negroni. Regional Judicial Cooperation using an Innovative ICT Platform for Cross Border Investigations. In 1st International Conference for Entrepreneurship, Innovation, and Regional Development (ICEIRD 2008), Skopje, FYROM, May 2008.

Domenico Pellegrini Daniela Intravaia Roberto Muscillo Vuksan Vuksanovic Mauro Cislighi Alessandro Mariotti George Eleftherakis Alberto Bianchi Sara Ferri Valerio Giuffrida Konstantinos Vassiliadis Tonia Mitsana Zahaan Bharmal, Elisa Negroni. J-WeB Platform for Secure Judicial Communication Exchange. In International Conference e-Justice & e-Law, Portoroz, Slovenia, June 2008.

George Eleftherakis, Konstantinos Dimopoulos and Anna Sotiriadou. Enhancing Students Communication Skills - the Case of the International Students Symposium, Informatics Education Europe II (IEEII), pages 44-52, Thessaloniki, 29-30 November 2007.

George Eleftherakis, Ognen Paunovski, "Integrating Formal Approaches and Simulation to Improve Reliability and Correctness of Web Services", 6th International Workshop on Modelling, Simulation, Verification and Validation of Enterprise Information Systems (MSVVEIS 2008), Barcelona, Spain, 12-13 June 2008

K.P. Dimopoulos and C. Kambhampati, "Alternative Dynamic Network Structures for Non-linear System Modelling". Presented at the 10th International Conference on Engineering Applications of Neural Networks (EANN07), 29-31 August 2007, Thessaloniki, Greece.

D. Dranidis, D. Kourtesis, E. Ramollari, Formal Verification of Web Service Behavioural Conformance through Testing, in Proc. of the 3rd South-East European Workshop on Formal Methods, November 2007

D. Dranidis, I. Sakellariou (editors). Proceedings of the 3rd South-East European Workshop on Formal Methods, November 2007.

D. Dranidis. Evaluation of Student UML: an Educational Tool for Consistent Modelling with UML, in Proc of Informatics Education Europe II (IEEII), November 2007.

D. Dranidis. Student UML: Learning to model consistent UML diagrams, Teach UML an interdisciplinary workshop on teaching Software Modeling with the Unified Modeling Language in academia and industry, September 2007.

E. Kehris, D. Dranidis, Application of Reinforcement Learning for the Generation of an Assembly Plant Entry Control Policy, 10th International Conference on Engineering Applications of Neural Networks, September 2007.

E. Ramollari, D. Dranidis, A.J. H. Simons, A Survey of Service Oriented Development Methodologies, 2nd European Young Researchers Workshop on Service Oriented Computing, Leicester, UK, June 2007

D. Dranidis, E. Ramollari. Learning object-oriented modeling with a UML learning assistant tool, 4th International Conference on Informatics, Educational Technology and New Media in Education, April 2007.

E. Ramollari, D. Dranidis. StudentUML: An Educational Tool Supporting Object-Oriented Analysis and Design, 11th Panhellenic Conference on Informatics (PCI 2007).

George Eleftherakis, Petros Kefalas, Gheorghe Paun, Grzegorz Rozenberg, Arto Salomaa (Eds.): Membrane Computing, 8th International Workshop, WMC 2007, Thessaloniki, Greece, June 25-28, 2007 Revised Selected and Invited Papers. Lecture Notes in Computer Science 4860 Springer 2007, ISBN 978-3-540-77311-5

Paraskakis I., Developing Curriculum that fully exploits Computer Algebra Systems in teaching problem solving, in New Media in Education (Selected Topics), Solesa, D., Cernetic M., Gerlic, I., (eds), Sombor 2007, ISBN:978-86-83097-67-8

G. Eleftherakis, P.Kefalas, G.Paun (editors), Proceedings of the Eighth Workshop on Membrane Computing, ISBN 978-960-89629-2-7, SEERC, 2007.

D. Penev, G. Eleftherakis, and P. Argyroudis. Huskarl - Alternative Authentication and Key Establishment for Bluetooth Devices. In 3rd Balkan Conference in Informatics (BCI'07), Sofia, Bulgaria, September 2007.

G. Eleftherakis and P. Marantelos. Improving Maintainability of Data-intensive Web Sites: An Example-based Approach. In 3rd Balkan Conference in Informatics (BCI'07), Sofia, Bulgaria, September 2007.

O. Paunovski, K.Dimopoulos, and G. Eleftherakis. Impacts of the Relationship Overlay Network on the Distributed Discovery Performance in a Decentralized Agent Community. In 3rd Balkan Conference in Informatics (BCI'07), Sofia, Bulgaria, September 2007.

O. Paunovski, G. Eleftherakis, and A.J. Cowling. Framework for Exploring Emergence within Complex Systems. In Proc. 2nd Annual SEERC Doctoral Conference 2007, July 2007.

K. Takasmanov and G. Eleftherakis. Secure Email Client. In 1st Panhellenic Student Conference in Informatics (EUREKA 07), Patra, Greece, May 2007.

George Eleftherakis, Konstantinos Dimopoulos and Anna Sotiriadou. Enhancing Students Communication Skills - the Case of the International Students Symposium, Informatics Education Europe II (IEEII), pages 44-52, Thessaloniki, 29-30 November 2007.

T. Hatziapostolou, I. Paraskakis, Pedagogical Considerations in Courseware Development: Supporting School 'Comeback', In Proceedings of the Informatics Education Europe II Conference, P.Kefalas, A.Sotiriadou, G.Davies, A.McGettrick (Eds), IEEEII 2007, SEERC, ISBN 978-960-89629-3-4, pages 266-274

D.Stamatis, P.Kefalas, Logic Programming Didactics, In Proceedings of the Informatics Education Europe II Conference, P.Kefalas, A.Sotiriadou, G.Davies, A.McGettrick (Eds), IEEEII 2007, SEERC, ISBN 978-960-89629-3-4, pages 136-143

P.Kefalas, A.Sotiriadou, G.Davies, A.McGettrick (Eds), Proceedings of the Informatics Education Europe II Conference, IEEEII 2007, SEERC, ISBN 978-960-89629-3-4

P.H. Ketikidis, A. Kontogeorgis, G. Stalidis and K. Kaggelides (2007). "EPOS: e-procurement optimised system for the healthcare marketplace", In: Proceedings of the Fifth International Conference on Supply Chain Management and Information Systems. 9-12 December 2007, Melbourne-Australia.

A. Baresel-Bofinger, P.H. Ketikidis, S.C.L Koh and J. Cullen (2007). "Innovative measures for green supply chain management in South-East Europe", In: Proceedings of the Fifth International Conference on Supply Chain Management and Information Systems. 9-12 December 2007, Melbourne-Australia.

V. Bezoski, P.H. Ketikidis (2007). "Supply chain collaboration and information sharing: the case of emerging grocery industry in the Former Yugoslav Republic of Macedonia", In: Proceedings of the Fifth International Conference on Supply Chain Management and Information Systems. 9-12 December 2007, Melbourne-Australia.

P.H. Ketikidis, S.C.L. Koh, N. Dimitriadis, A. Gunasekaran, M. Kehajova (2007) "The use of Information Systems for Logistics and supply chain management in South East Europe: current status and future direction" Omega – The International Journal of Management Science, Elsevier-Omega 36 (2008) 592 – 599.

Paraskakis I., Stamatopoulou I., Paunovski D., (eds), Infusing Research and Knowledge in South East Europe, Proceedings of 1st Annual SEERC Doctoral Conference, June 2006, Thessaloniki, Greece, ISBN: 978-960-87869-9-8

Paraskakis I., Luneski A., Kayhan A., (eds), Infusing Research and Knowledge in South East Europe, Proceedings of 2nd Annual SEERC Doctoral Conference, June 2007, Thessaloniki, Greece, ISBN:978-960-89629-5-8

Paraskakis I., Developing Curriculum that fully exploits Computer Algebra Systems in teaching problem solving, in New Media in Education (Selected Topics), Solesa, D., Cernetic M., Gerlic, I., (eds), Sombor 2007, ISBN:978-86-83097-67-8

Lameras, P., Paraskakis, I., Levy, P., Using Social Software for Teaching and Learning in Higher Education: A Social Constructivist Interpretation, in Social Software & Developing Community Ontologies, S. Hatzipanagos, Warbutron, S, (eds) to be published by IDEA group in 2008.

Bibikas D., Paraskakis I., Psychogios A., Vasconcelos A., Harmonising *codification* and *personalisation* approaches in organisational knowledge management through enterprise social software in Social Software & Developing Community Ontologies, S. Hatzipanagos, Warbutron, S, (eds) to be published by IDEA group in 2008.

Kourtesis D., Paraskakis I., Web Service Discovery in the FUSION Semantic Registry, paper accepted for publication in Proceedings of the 11th International Conference on Business Information Systems (BIS 2008), Innsbruck, Austria 5-7 May 2008

Paraskakis I., ambient Learning: Supporting complex learning and lifelong learning of an Executive Education Centre, in Proceedings of the 3rd Balkan Conference in Informatics (BCI 2007), Volume 1, K. Boyanov, R. Nikolov, I. Nikolova, and M. Nisheva (eds), Sofia, Bulgaria: Demetra, 2007, pp. 217-228 (ISBN 978-954-9526-41-7)

Kourtesis D., Paraskakis I., Enabling Semantic Matchmaking of Web Service Descriptions in UDDI, in Proceedings of the 3rd Balkan Conference in Informatics (BCI 2007), Volume 1, K. Boyanov, R. Nikolov, I. Nikolova, and M. Nisheva (eds), Sofia, Bulgaria: Demetra, 2007, pp. 217-228 (ISBN 978-954-9526-41-7)

Kourtesis D., Paraskakis I., Friesen A, Gouvas P., and Bouras A., Web Service Discovery in a Semantically Extended UDDI Registry: the Case of FUSION, in IFIP International Federation for Information Processing, Volume 243/2007, Establishing the Foundation of Collaborative Networks, L. Camarinha-Matos, H. Afsarmanesh, P. Novais, and C. Analide, (eds). Boston: Springer, 2007, pp. 547-554 (ISBN 978-0-387-73797-3).

Lameras P., Paraskakis I., Levy P., Pedagogy and Tools for E-learning Practice, Paper presented and in Proceedings of Informatics Education Europe II by Kefalas P., Sotiriadou A., Davies G., & McGettrick A., (eds), 29-30 November 2007, Thessaloniki, Greece

Bibikas D., Paraskakis I, Psychogios A. and Vasconcelos A., Towards a holistic model of decentralized enterprise Knowledge Management Systems: Emerging Web 2.0 technologies and management techniques, Paper presented at the European Conference on Operational Research (EURO XXII), Prague, 8-11 July 2007.

Bibikas D., Paraskakis I., Psychogios A., and Vasconcelos A., A novel approach to enterprise knowledge management systems: an enterprise Web 2.0 holistic model, paper in Infusing Research and Knowledge in South East Europe, Proceeding of 2nd Annual SEERC Doctoral Student Conference, Paraskakis I., Luneski A., Kayhan A., (eds), June 2007, Thessaloniki South Eastern European Doctoral Conference, Thessaloniki, 22-23 June 2007.

Lameras P., Paraskakis I., Levy P., E-learning theory and practice: Theoretical and practical approaches to using VLEs for educational practice. In Infusing Research and Knowledge in South East Europe, Proceeding of 2nd Annual SEERC Doctoral Student Conference, Paraskakis I., Luneski A., Kayhan A., (eds), June 2007, Thessaloniki, 22-23 June 2007

Andova T., Paraskakis I., Fuzzy Logic Expert System for Student Assessment. paper in proceedings of 1st Panhellenic, Scientific Student Conference in Informatics, Computer Engineering and Related Technologies, Papatheodorou T., Christodoulakis D., & Karanikolas N., (eds), 18-20 May 2007, Patras, Greece

Paraskakis I., A Learning Management System to support an Executive Education Centre: the case of *Ambient* Learning, Paper submitted to 4th International Conference on Informatics, Educational Technology and New Media in Education, 31st March -1st April 2007, Sombor, Serbia

Lameras P, Paraskakis I., Levy P., Using ICTs in university learning and teaching: Differences between teachers' stated beliefs and their educational practice, Paper submitted to 4th International Conference on Informatics, Educational Technology and New Media in Education, 31st March -1st April 2007, Sombor, Serbia

Lameras, P., Paraskakis, I., Levy P., Conceptions of Teaching using Virtual Learning Environments: Preliminary Findings from A Phenomenographic Inquiry, Paper accepted to be presented in Sixth International Conference on Networked Learning, May 2008, Chalkidiki, Greece

Bibikas D., Paraskakis I., Psychogios A., Vasconcelos A., Emerging enterprise social software knowledge management environments: current practices and future challenges, Int. Journal of Learning and Intellectual Capital, paper accepted to be published in late 2008/early 2009.

I. Stamatopoulou, P. Kefalas, and M. Gheorghe. OPERAS: a formal framework for multi-agent systems and its application to swarm-based systems. In A. Artikis, G. O'Hare, K. Stathis, and G. Vouros, editors, *Proceedings of the 8th International Workshop on Engineering Societies in the Agents World (ESAW'07)*, pages 208-223, 2007a.

I. Stamatopoulou, P. Kefalas, and M. Gheorghe. OPERASCC: An instance of a formal framework for MAS modelling based on Population P Systems. In G. Eleftherakis, P. Kefalas, and G. Paun, editors, *Proceedings of the 8th Workshop on Membrane Computing (WMC'07)*, June 25-28, Thessaloniki, Greece, pages 551-566. South-East European Research Centre, 2007. (also in) *Lecture Notes in Computer Science*, Eleftherakis, G.; Kefalas, P.; Paun, G.; Rozenberg, G.; Salomaa, A. (Eds.), Vol. 4860, pp 438-452, 2007

P. Kefalas, I. Stamatopoulou, and M. Gheorghe. Principles of transforming Communicating X-machines to Population P Systems. In G. Vaszil, editor, *Proceedings of the International Workshop on Automata for Cellular and Molecular Computing (ACMC'07)*, pages 76-89, 2007.

I. Stamatopoulou, P. Kefalas, and M. Gheorghe. Applying OPERASXC to NASA's Small Aircraft Transportation System. In *Proceedings of the 2nd Annual SEERC Doctoral Student Conference (DSC'07)*, July 22-23, Thessaloniki, Greece, 2007. To appear.

I. Stamatopoulou, P. Kefalas, and M. Gheorghe. OPERAS for space: Formal modelling of autonomous spacecrafts. In T. Papatheodorou, D. Christodoulakis, and N. Karanikolas, editors, *Current Trends in Informatics*, volume B of Proceedings of the 11th Panhellenic Conference in Informatics (PCI'07), May 18-20, Patras, Greece, pages 69-78, 2007.

I. Stamatopoulou, I. Sakellariou, P. Kefalas, and G. Eleftherakis. Formal modelling for in-silico experiments with social insect colonies. In T. Papatheodorou, D. Christodoulakis, and N. Karanikolas, editors, *Current Trends in Informatics*, volume B of Proceedings of the 11th Panhellenic Conference in Informatics (PCI'07), May 18-20, Patras, Greece, pages 79-89, 2007.

I. Paraskakis, I. Stamatopoulou, and O. Paunovski, editors. *Proceedings of the 1st Annual SEERC Doctoral Student Conference (DSC'06)*, July 10, Thessaloniki, Greece, 2007. South-East European Research Centre.

I. Stamatopoulou, P. Kefalas, and M. Gheorghe. Modelling the dynamic structure of biological state-based systems. *BioSystems*, 87(2-3):142-149, February 2007.