

Professor George Spanoudakis

Curriculum Vitae

February 2016

	<p>NAME: George¹ Spanoudakis</p> <p>URL: http://www.city.ac.uk/people/academics/george-spanoudakis</p> <p>E-MAIL: G.E.Spanoudakis@gmail.com</p> <p>TEL: +44 (0) 7789243659; +44 (0) 2083461724</p> <p>NATIONALITY: Hellenic, British</p>
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EDUCATION

- 1990 -1994: PhD in Computer Science
Department of Computer Science, University of Crete, Greece
(supported by a scholarship of the Foundation for Research and Technology – Hellas)
- 1988-1989: MSc in Advanced Methods in Computer Science (Artificial Intelligence)
Department of Computer Science, Queen Mary College, University of London
(distinction on dissertation)
- 1984-1988: BSc in Informatics
Department of Informatics and Statistics, Athens University of Economics & Business Sciences, First Class Honours, GPA: 8.73/10.00
(Prize for best entrant admitted through the national university admission examination in 1984; best student prize for the academic years 1984-85, 1985-86, 1986-87, 1987-88).

ACADEMIC APPOINTMENTS

- 8/2014 – present: Director, Research Centre for Adaptive Computing Systems (CeNACS), City University London
- 10/2015 – 6/2016: Senior Visiting Researcher, FORTH Computer Emergency Response Team (FORTHCert), Institute for Computer Science, Foundation for Research and Technology Hellas (ICS-FORTH)
- 9/2006 – present: Professor, Department of Computer Science, City University London (on sabbatical leave from 1/10/2015 to 30/8/2016)
- 4/2008 – 7/2008: Visiting Professor, Department of Computer Science, E.T.S. Ingenieria Informatica, University of Malaga, Spain (appointment funded by the Spanish Ministry of Education)
- 2004 – 2006: Reader (Senior Associate Professor), Department of Computing, City University London
- 1999 – 2004: Senior Lecturer, Department of Computing, City University London
- 11/2001: Visiting Researcher, University of Essen, Lehrstuhl für Software Systems Engineering
- 11/1999: Visiting Lecturer, Department of Information Systems, London School of Economics
- 1997 – 1999: Lecturer, Department of Computing, City University London
- 4/1999: Visiting Associate Professor, Department of Computer Science, University of Crete, Greece
- 1995 – 1997: Postdoctoral Research Fellow, Department of Computer Science, City University London

¹ Georgios (in Greek)

- 1989 – 1995: Postgraduate Research Assistant, Institute of Computer Science - F.O.R.T.H, Greece
- 1992 – 1995: Teaching Assistant, Department of Computer Science, University of Crete, Greece

EXECUTIVE & ADMINISTRATIVE APPOINTMENTS

- 1/2013 – present: Member of the University Council, University of Piraeus, Greece
Senior position with responsibility for the strategic management of the University, overseeing and control of its operations, financial planning and budget approval, quality assurance, shortlisting and approval of appointment of University's Rector and School Deans, approval & amendment of internal rules of procedure and general supervision and control of the operation of the Institution in accordance with the statutory rules.
- 2/2010 – 1/2014: Associate Dean (Research), School of Informatics, City University London
Senior management post with executive responsibility for strategic and operational planning of all aspects of research within the School.
- 7/2004 – 6/2007: Head of Department, Department of Computing, School of Informatics, City University London
Senior management and leadership post with executive responsibility for strategic and operational planning of all departmental activities.
- 2/2010 – 1/2014: Member of the Joint Executive Committee of the School of Informatics and the School of Engineering and Mathematical Sciences, City University London
- 2/2004 – 1/2014: Member of the Executive Committee of the School of Informatics, City University London
- 7/2004 – 7/2007: Member of the Executive Committee of the School of Informatics, City University London

UNIVERSITY SERVICE AND OTHER ADMINISTRATIVE APPOINTMENTS

- 2014 – present: Member of the Research Committee of the School of Mathematics, Computer Science and Engineering, City University London
- 2011 – 2013: Member of the Internationalisation Committee of City University London
- 2011 – 2012: Member of the Strategic Objectives Group for Research and Enterprise of City University London
- 2011 – 2013: Member of the REF Steering Group of City University London
- 2010 – 2013: Member of the University Research Committee, City University London
- 2010 – 2013: Chair of the Research Committee of the School of Informatics, City University London
- 2006 – 2010: Member of the Research Committee of the School of Informatics, City University London
- 2003 – 2014: Member of the Board of Studies of the School of Informatics, City University London
- 2002 – 2004: Deputy Head, Department of Computing, City University London
- 2003 – 2004: Senior Tutor for Research, Department of Computing, City University London
- 1999 – 2001: Member of the Board of Studies of the School of Mathematics and Actuarial Science, City University London

RESEARCH & SCHOLARSHIP

Overview of research interests

My general research interests are in software systems engineering (with a special focus on engineering for system adaptability and system verification), service and cloud based systems, software systems security, and data analytics for software systems security and software systems adaptability.

Publications

Books (1)

1. Spanoudakis G., Mana A., Kokolakis S.: Security and dependability for Ambient Intelligence, Advances in Information Security Book Series, Springer, Vol. 45, ISBN-978-0-387-88775-3, 2009

Referred journal papers (25)

1. Palacios M., Garcia-Fanjul J., Tuya J., Spanoudakis G. Automatic test case generation for WS-Agreements using combinatorial testing, *Computer Standards & Interfaces*, 38: 84 – 100, February 2015 (SJR impact factor: 0.749)
2. Palacios M., Garcia-Fanjul J., Tuya J., Spanoudakis G. Coverage Based Testing for Service Level Agreements, *IEEE Transactions on Services Computing*, 8(2): 299 – 313, March 2015. doi.ieeecomputersociety.org/10.1109/TSC.2014.2300486> (SJR: 2.988)
3. Tsigkritis T., Spanoudakis G., Assessing the genuineness of events in runtime monitoring of cyber systems, *Computers and Security Journal*, 38:76-96, 10.1016/j.cose.2013.03.011, October 2013 (SJR: 1.075)
4. Zisman A., Spanoudakis G., Dooley J., Siveroni I.: Proactive and Reactive Runtime Service Discovery: A Framework and its Evaluation, *IEEE Transactions on Software Engineering*, <http://doi.ieeecomputersociety.org/10.1109/TSE.2012.84>, 2013 (SJR: 3.288)
5. Petroulakis N., Tragos E., Fragkiadakis A., Spanoudakis G.: A Lightweight Framework for Secure Life-logging in Smart Environments, *Information Security Technical Report*, Elsevier, ISSN 1363-4127, DOI 10.1016/j.istr.2012.10.005, 2012 (SJR: 0.163)
6. Mahbub K., Spanoudakis G., Zisman A.: A Monitoring Approach for Runtime Service Discovery, *Automated Software Engineering Journal*, 18(2): 117-161, 2011 (SJR: 1.082)
7. Damiani E., Gürgens S., Maña A., Spanoudakis G., Ardagna C. A: Editorial. *Journal of Systems Architecture - Embedded Systems Design* 57(3): 229-230, 2011
8. Spanoudakis G., Zisman A.: Discovering Services During Service-Based System Design using UML, *IEEE Transactions on Software Engineering*, 36(3): 371-389, 2010 (SJR: 4.086)
9. Baresi L., Guinea S., Nano O., Spanoudakis G.: Comprehensive Monitoring of BPEL Processes, *IEEE Internet Computing Journal*, 14(3): 50-57, 2010 (SJR: 2.093)
10. Siveroni I., Zisman A., Spanoudakis G.: A UML-Based Static Verification Framework for Security, *Requirements Engineering Journal*, 15(1): 95-118, 2010 (SJR: 1.231)
11. Hira R., Dieste O., Spanoudakis G., Vissaggio G., Wirtz G., Chang S.K: IT-Outsourcing and IT-Offshoring: Trends and Impacts on SE/KE Curricula, *Int. Journal of Software Engineering and Knowledge Engineering*, 17(5), pp. 663-685, 2007 (SJR: 0.384)
12. Kozlenkov A., Spanoudakis G., Zisman A., Fasoulas V., Sanchez Cid F.: Architecture-driven Service Discovery for Service Centric Systems, *Int. Journal of Web Services Research*, 4(2), pp. 81-113, 2007 (SJR: 0.632)
13. Spanoudakis G. Mahbub K.: Non Intrusive Monitoring of Service Based Systems, *Int. Journal of Cooperative Information Systems*, 15(3): 325-358, 2006 (SJR: 1.345)

14. Spanoudakis G., Kim H.: Supporting the Reconciliation of Models of Object Behavior, *Int. Journal of Software and Systems Modeling*, 3(4), ISSN: 1619-1366, DOI: 10.1007/s10270-004-0054-1, pp. 273-293, 2004 (SJR: 1.458)
15. Spanoudakis G., Zisman A., Perez-Minana E., Krause P.: Rule-Based Generation of Requirements Traceability Relations, *Journal of Systems and Software*, 72: 105-127, 2004 (SJR: 1.164)
16. Spanoudakis G., Kasis K., Dragazi F.: Evidential Diagnosis of Inconsistencies in Object-Oriented Designs, *Int. Journal of Software Engineering and Knowledge Engineering* 14(2): 141-178, 2004, (SJR: 0.447)
17. Spanoudakis G., Kim H.: Diagnosis of the Significance of Inconsistencies in Object Oriented Designs: A Framework and its Experimental Evaluation, *Journal of Systems and Software*, 64(1): 3-22, October 2002, (SJR: 1.164)
18. Spanoudakis G., Finkelstein A., Till D.: Overlaps in Requirements Engineering, *Automated Software Engineering Journal*, 6(2): 171-198, 1999
19. Spanoudakis G., Finkelstein A.: Reconciling Requirements: a method for managing interference, inconsistency and conflict, *Annals of Software Engineering*, 3: 433-457, 1997
20. Spanoudakis G., Finkelstein A., Emmerich W.: Viewpoints 96: Int. Workshop on Multiple Perspectives in Software Development - Workshop Report, *Software Engineering Notes*, 22(1): 39-41, January 1997
21. Spanoudakis G., Constantopoulos P.: Analogical Reuse of Requirements Specifications: A Computational Model, *Applied Artificial Intelligence: An International Journal*, 10(4): 281-306, July-August 1996
22. Maiden N., Spanoudakis G., Nissen H.: Multi-Perspective Requirements Engineering within NATURE, *Requirements Engineering Journal*, 1:157-169, 1996
23. Spanoudakis G., Constantopoulos P.: Elaborating Analogies from Conceptual Models, *Int. Journal of Intelligent Systems*, 11(11): 917-974, (ed) Yager R., J.Wiley and Sons, 1996
24. R. Doemges, S. Jacobs, M. Jarke, H. Nissen, K. Pohl, N. Maiden, A. Sutcliffe, C. Taylor, D. Till, P. Constantopoulos, G. Spanoudakis, Y. Vassiliou, G. Grosz, V. Plihon, C. Rolland, J.R. Schmitt, S. Schwer, S. Si-Said, C. Souveyet, J. Bubenko, R. Gustas, P. Holm, P. Johannesson, J. Ljunberg, B. Wangler: Defining Visions in Context: Models, Processes and Tools for Requirements Engineering, *Information Systems*, 21(6): 515-547, 1996
25. Spanoudakis G., Constantopoulos P.: Integrating Specifications: A Similarity Reasoning Approach, *Automated Software Engineering Journal*, 2(4): 311-342, 1995

Refereed book chapters (19)

1. Anisetti M., Ardagna C., Damiani E., Mana A., Spanoudakis G., Pino L., Koshutanski H., Security Certification for the Cloud: The CUMULUS approach, In *Guide to Security Assurance for Cloud Computing*, (eds) Zhu S.Y., Hill R., Trovatti M., Computer Communications and Networks Series, Springer International Publishing, ISBN: 978-3-319-25986-4, DOI: 10.1007/978-3-319-25988-8, 2016.
2. Pino L., Spanoudakis G., Fuchs A., Gürgens S., Generating Secure Service Compositions, In *Communications in Computer and Information Sciences*, Vol 512, (eds) Helfert M., et al., DOI: 10.1007/978-3-319-25414-2, Springer International Pub, 2015 (*extended version of [Conference paper: 13]*)
3. Egea M., Mahbub K., Spanoudakis G., and Vieira M.R., A Certification Framework for Cloud Security Properties: the Monitoring Path, *Accountability and Security in the Cloud*, LNCS 8937, pp 63-77, DOI: 10.1007/978-3-319-17199-9_3, 2015
4. Mahbub K., Spanoudakis G., Tsigkritis T.: Translation of SLAs into Monitoring Specifications, In *Service Level Agreements for Cloud Computing*, Weider P. et al. (eds), Part 2, pp. 79-101, DOI: 10.1007/978-1-4614-1614-2_6, Springer New York, 2011
5. Foster H., Spanoudakis G.: Dynamic Creation of Monitoring Infrastructures, In *Service Level Agreements for Cloud Computing*, Weider P. et al. (eds), Part 3, pp. 123-138, DOI: 10.1007/978-1-4614-1614-2_8, Springer New York, 2011

6. Lorenzoli D., Spanoudakis G.: Runtime Prediction, In *Service Level Agreements for Cloud Computing*, Weider P. et al. (eds), Part 3, pp. 139-153, DOI: 10.1007/978-1-4614-1614-2_9, Springer New York, 2011
7. Spanoudakis G., Zisman A.: Designing and Adapting Service-based Systems: A Service Discovery Framework, In *Service Engineering: European Research Results*, S. Dustdar, F. Li (eds), Springer, ISBN 978-3-7091-0414-9, pp 261-298, 2010
8. Sanchez-Cid F., Mana A., Spanoudakis G., Kloukinas C., Serrano D., and Munnoz A., Representation of Security and Dependability Solutions, In *Security and Dependability for Ambient Intelligence*, (eds) Spanoudakis G., Mana A., Kokolakis, Advances in Information Security Series, Springer, ISBN-978-0-387-88775-3, pp. 69-96, 2009
9. Mana A., Spanoudakis G., Kokolakis S.: The SERENITY vision, In *Security and Dependability for Ambient Intelligence*, (eds) Spanoudakis G., Mana A., Kokolakis, Advances in Information Security Series, Springer, ISBN-978-0-387-88775-3, pp 1-18, 2009
10. Spanoudakis G., Kloukinas C. Mahbub K.: The SERENITY Runtime Monitoring Framework, In Security and Dependability for Ambient Intelligence, In *Security and Dependability for Ambient Intelligence*, (eds) Spanoudakis G., Mana A., Kokolakis S., Advances in Information Security Series, Springer, ISBN-978-0-387-88775-3, pp. 213-238, 2009
11. Tsigritis T. Spanoudakis G., Kloukinas C. Lorenzoli D.: Diagnosis and Threat detection capabilities of the SERENITY Runtime Framework, In *Security and Dependability for Ambient Intelligence*, (eds) Spanoudakis G., Mana A., Kokolakis, Advances in Information Security Series, Springer, ISBN-978-0-387-88775-3, pp 239-272, 2009
12. Mana A., Spanoudakis G., Kokolakis S.: SERENITY: Future Directions, In Security and Dependability for Ambient Intelligence, In *Security and Dependability for Ambient Intelligence*, (eds) Spanoudakis G., Mana A., Kokolakis, Advances in Information Security Series, Springer, ISBN-978-0-387-88775-3, pp 379-384, 2009
13. Dooley J. Zisman A., Spanoudakis G.: Runtime Service Discovery for Grid Applications, In *Grid Technology for Maximizing Collaborative Decision Management and Support: Advancing Effective Virtual Organizations*, (ed) N. Blessis, IGI Publishing, ISBN 978-1-60566-364-7, 2009
14. Kozlenkov A., Spanoudakis G., Zisman A., Fasoulas V., Sanchez Cid F.: Architecture-driven Service Discovery for Service Centric Systems, *Electronic Government: Concepts, Methodologies, Tools, and Applications, Chapter 2.24*, (ed) Ari-Veikko Anttiroiko, Information Science Reference, 978-1-59904-947-2, pp 811-842, 2008 (selected article which appeared originally in IJWSR 4(2), pp. 82-113)
15. Di Penta, M., Bastida, L., Sillitti, A., Baresi, L., Maiden, N., Melideo, M., Tilly, M., Spanoudakis, G., Gorroñogoitia, J., Hutchinson, J. Ripa, G., SECSE – Service Centric Systems Engineering: An Overview, In *At your service: An overview of results of projects in the field of service engineering of the IST programme*, (eds) diNitto E., Traverso P., Sassen A.M., Zwegers A. Information Systems Series, MIT Press, ISBN 978-0-262-04253-6, 2007
16. Mahbub K. Spanoudakis G.: Monitoring WS Agreements: An Event Calculus Based Approach, In *Test and Analysis of Service Oriented Systems*, (eds) L. Baresi, E. diNitto, Springer, Springer, ISBN 978-3-540-72911-2, pp. 265-306, 2007
17. Mana A., Rudolph C., Spanoudakis G., Lotz V., Massaci F., Melideo M., Lopez-Cobo J: Security Engineering for Ambient Intelligence: A Manifesto, In *Integrating Security and Software Engineering: Advances and Future Visions*, (eds) Mouratidis C., Giorgini P., IGI Global, pp. 244-270, DOI: 10.4018/978-1-59904-147-6.ch011, 2005.
18. Spanoudakis G., Zisman A.: Software Traceability: A Roamap, In *Handbook of Software Engineering and Knowledge Engineering*, Vol. III: Recent Advancements, (ed) Chang S. K., World Scientific Publishing Co., ISBN 981-256-273-7, pp. 395-428, 2005.
19. Spanoudakis G., Zisman A.: Inconsistency Management in Software Engineering: Survey and Open Research Issues, In *Handbook of Software Engineering and Knowledge*

Engineering, Vol. I: Fundamentals, (ed) Chang S. K., World Scientific Publishing Co., ISBN 981-02-4973, pp. 329-380, 2001.

Refereed papers in international conference proceedings (73)

1. Exarchos T., Rigas G., Bibas T., Kikidis D., Nikitas C., Wuyts F., Ihtijarevic B., Maes L., Cenciarini M., Maurer C., Macdonald N., Bamiou D., Luxon L., Prasinos M., Spanoudakis G., Koutsouris D., Fotiadis D., Multiparametric data analysis for diagnostic decision support in balance disorders, IEEE International Conference on Biomedical and Health Informatics (BHI), Las Vegas, NV, USA, 2016 (to appear)
2. Petroulakis N., Spanoudakis G., Askoxylakis I., Miaoudakis A., Traganitis A., A Pattern Based Approach for Designing Reliable Cyber Physical Systems, IEEE Global Communications Conference 2015 (Globecom 2015), San Diego, USA, December 2015
3. Anwer A, Prasinos P, Bamiou DE, Macdonald M, Pavlou P, Exarchos T, Spanoudakis G., Luxon L., EMBalance Data Repository Modelling and Clinical Application, 15th IEEE International Conference in Bioinformatics and Bioengineering, Serbia, DOI: 10.1109/BIBE.2015.7367677, 2015
4. Exarchos, T., Stefanou, K., Rigas, G., Bibas, A., Kikidis, D., Nikitas, C, Wuyts, F., Ihtijarevic, B., Maes, L., Cenciarini, M., Maurer, C., Iliopoulou, D., Macdonald, N., Bamiou, D., Luxon, L., Prasinos, M., Spanoudakis, G., Koutsouris, D., Fotiadis, D., Diagnosis of balance disorders using decision support systems based on data mining techniques, 15th IEEE International Conference on Bioinformatics and Bioengineering (BIBE), DOI: 10.1109/BIBE.2015.7367688, 2015
5. Krotsiani M., Spanoudakis G., Kloukinas C., Monitoring Based Certification of Cloud Service Security, 5th International Symposium on Cloud Computing, Trusted Computing and Secure Virtual Infrastructures - Cloud and Trusted Computing (C&TC 2015), Rhodes, Greece, October 2015
6. Meng X., Spanoudakis G., MBotCS: A Mobile Botnet Detection System Based on Machine Learning, 10th International Conference on Risks and Security of Internet and Systems (CRISIS 2015), Greece, July 2015
7. Hudic A., Tauber M., Lorunsen T., Krotsiani M., Spanoudakis G., Mauthe A., Weippl E.R., A Multi-Layer and Multi-Tenant Cloud Assurance Evaluation Methodology, 6th IEEE International Conference on Cloud Computing Technology and Science (CloudCom), --. 386-393, 2014
8. Pino L., Mahbub K., Spanoudakis G., Designing Secure Service Workflows in BPEL, 12th International Conference on Service Oriented Computing (ICSOC 2014), Paris, November 2014 ("A" rated conference by CORE)
9. Mana A., Damiani E., Gurgens S., Spanoudakis G., Extensions to Pattern Formats for Cyber Physical Systems, 21st Conference on Pattern Languages of Programs (PLoP '14), Monticello, IL, Sep 2014
10. Krotsiani M., Spanoudakis G., Continuous Certification of Non-Repudiation in Cloud Storage Services, 4th IEEE International Symposium on Trust and Security in Cloud Computing, Beijing, China, September 2014
11. Rahulamathavan Y., Pawar P.S., Burnap P., Rajarajan M., Rana O., Spanoudakis G., Analysing Security Requirements in Cloud Based Service Level Agreements, 7th International Conference on Security of Information and Networks, ACM, September 2014, DOI: 10.1145/2659651.2659735
12. Katopodis S., Spanoudakis G., Towards Hybrid Cloud Service Certification Models, 11th IEEE International Conference on Services Computing, July 2014 ("A" rated conference by CORE)
13. Pino L., Spanoudakis G., Fuchs A., Gurgens S., Discovering Secure Service Compositions, 4th International Conference on Cloud Computing and Services Sciences, Barcelona, Spain, April 2014²

² Nominated as candidate for best paper award

14. Bibas A., Spanoudakis G., Bellos C., Koutsouris D., Fotiadis D., Biologically Inspired Near Extinct System Reconstruction, 13th IEEE International Conference on BioInformatics and BioEngineering, November 2013
15. Krotsiani M., Spanoudakis G., Mahbub K., Incremental Certification of Cloud Services, 7th Int. Conf. on Emerging Security Information, Systems and Technologies (SECURWARE 2013), August 2013
16. Petroulakis N., Askoxylakis I., Traganitis A., Spanoudakis G., A Privacy-Level Model for User Centric Cyber Physical Systems, 1st Int. Conf. on Human Aspects of Information Security, Privacy and Trust, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 8030 LNCS, 338-347. doi: 10.1007/978-3-642-39345-7-36, July 2013
17. Spanoudakis G., Damiani E., Mana A.: Certifying Services in Cloud: The Case for a Hybrid, Incremental and Multi-Layer Approach (Extended Abstract), 14th IEEE Int. Symposium on High Assurance Systems Engineering (HASE 2012), USA, October 2012
18. Foster H., Spanoudakis G., Mahbub K.: Formal Certification and Compliance for Runtime Service Environments, 9th IEEE Int. Conf. on Service Computing, June 2012 ("A" rated conference by CORE)
19. M. Palacios, J. García-Fanjul, J. Tuya, G. Spanoudakis: Identifying Test Requirements by Analysing SLA Guarantee Terms, 19th IEEE Int. Conf. in Web Services, Hawaii, USA, June 2012, ("A" rated conference by CORE)
20. Pino L., Spanoudakis G.: Constructing Secure Service Compositions with Patterns, 8th IEEE World Congress on Services, Hawaii, USA, June 2012
21. Pino L., Spanoudakis G.: Finding Secure Compositions of Software Services: Towards A Pattern Based Approach, 5th IFIP Int. Conf. on New Technologies, Mobility and Security – Track on Security, Istanbul, Turkey, May 2012
22. Mahbub K., Spanoudakis G.: Proactive SLA Negotiation for Service Based Systems: Initial Implementation and Evaluation Experience, 8th IEEE Int. Conf. on Services Computing, July 2011 ("A" rated conference by CORE)
23. Lorenzoli D., Spanoudakis G.: Runtime Prediction of Software Service Availability, 2011 Int. Conf. on Software Engineering Research and Practice (SERP'11), pp. 239-245, 2011
24. Lorenzoli D., Spanoudakis G.: Predicting Software Service Availability: Towards a Runtime Monitoring Approach, IEEE 9th Int. Conf. on Web Services (Work-in-Progress track), July 2011 ("A" rated conference by CORE)
25. Foster H., Spanoudakis G.: "Advanced Service Monitoring Configurations with SLA Decomposition and Selection", 26th ACM Symposium Applied Computing – Track on Service Oriented Architecture and Programming, March 2011
26. Mahbub K., Spanoudakis G.: Proactive SLA Negotiation for Service Based Systems, 6th World Congress on Services (Services 2010), pp 519-526, 2010
27. Foster H., Spanoudakis G.: "Model-Driven Service Monitoring Configuration with Formal SLA Decomposition and Selection", 4th Int. Symposium On Leveraging Applications of Formal Methods, Verification and Validation, October 2010
28. Anisetti M, Ardagna C, Guida F, Gurgens S, Lotz V, Mana A, Pandolfo C, Pazzaglia JC, Pujol G, Spanoudakis G.: "ASSERT4SOA: Toward Security Certification of Service-Oriented Applications", 12th Int. Symposium on Distributed Objects, Middleware, and Applications (DOA'10), LNCS 6428: 38-40, DOI: 10.1007/978-3-642-16961-8_11, 2010
29. Mahbub K., Spanoudakis G.: "A Framework for Proactive SLA Negotiation", 5th Int. Conf. on Software and Data Technologies (ICSOFT 2010), Vol 2, pp. 251-256, July 2010
30. Pazzaglia J.C., Lotz V., Campos Certa V, Damiani E., Ardagna C., Guergens S., Mana A., Padolfo C., Spanoudakis G., Guida F., Menicocci R., Advanced Security Service Certificates for SOA: Certified Services Go Digital, ISSE 2010 Securing Electronic Business Processes, 151-160, 2011, DOI: 10.1007/978-3-8348-9788-6_15
31. Commuzi M., Spanoudakis G.: "Dynamic Set Up of Monitoring Infrastructures for Service Based Systems", 25th Annual ACM Symposium on Applied Computing, Track on Service

- Oriented Architectures and Programming, pp. 2414-2421, ISBN: 978-1-60558-639-7, DOI=10.1145/1774088.1774591, March 2010 (acceptance rate ~25%)
32. Zisman A., Spanoudakis G., Dooley J.: "A Query Language for Service Discovery", 4th Int. Conf. on Software and Data Technologies - ICSOFT 2009, pp. 55-65, INSTICC Press, ISBN 978-989-674-009-2, July 2009
 33. Comuzzi M., Kotsokalis C., Spanoudakis G., Yahyapour R.: Establishing and Monitoring SLAs in complex Service Based Systems, IEEE 7th Int. Conf. on Web Services (ICWS '09), pp. 783-790, ISBN: 978-0-7695-3709-2, DOI: 10.1109/ICWS.2009.47, July 2009 ("A" rated conference by CORE)
 34. Lorenzoli D., Spanoudakis G.: Detection of Security and Dependability Threats: A Belief Based Reasoning Approach, 3rd Int. Conf. on Emerging Security Information, Systems and Technologies (SECURWARE 2009), pp. 312-320, ISBN: 978-0-7695-3668-2, DOI:10.1109/SECURWARE.2009.55, June 2009³
 35. Comuzzi M, Spanoudakis G.: A Framework for Hierarchical and Recursive Monitoring of Service Based Systems, 4th Int. Conf. on Internet and Web Applications and Services, IEEE Computer Society, ISBN: 978-1-4244-3851-8, DOI: 10.1109/ICIW.2009.63, 2009
 36. Comuzzi M, Spanoudakis G.: Describing and Verifying Monitoring Capabilities for Service Based Systems, Proceedings of the CAISE 2009 Forum, Netherlands, June 2009
 37. Spanoudakis G., LoPresti S.: Web Service Trust: Towards a Dynamic Assessment Framework, 4th Int. Conf. on Availability, Reliability and Security (ARES '09), pp 33-40, ISBN: 978-1-4244-3572-2, DOI 10.1109/ARES.2009.149, March 2009
 38. Zisman A., Spanoudakis G., Dooley J.: A Framework for Dynamic Service Discovery, 23rd IEEE/ACM Int. Conf. on Automated Software Engineering, pp. 158-167, September 2008 ("A" rated conference by CORE)
 39. Amalio N., Spanoudakis G.: From Monitoring Templates to Security Monitoring and Threat Detection, 2nd Int. Conf. on Emerging Security Information, Systems and Technologies (SECURWARE 2008), August 2008
 40. Kloukinas C., Spanoudakis G., Mahbub K.: Estimating Event Lifetimes for Distributed Runtime Verification, 20th Int. Conf. on Software Engineering and Knowledge Engineering, July 2008
 41. Tsigritis T., Spanoudakis G.: Diagnosing Runtime Violations of Security & Dependability Properties, 20th Int. Conf. on Software Engineering and Knowledge Engineering, July 2008
 42. G. Spanoudakis, C. Kloukinas, K. Androutsopoulos: Dynamic Verification and Control of Mobile Peer-to-Peer Systems , 3rd Int. Conf. on Internet Monitoring and Protection (ICIMP '08), <http://dx.doi.org/10.1109/ICIMP.2008.11>, July 2008
 43. Zisman A. Dooley J., Spanoudakis G.: Proactive Runtime Service Discovery, IEEE 2008 Int. Service Computing Conference (SCC '08), pp.237-245, DOI:10.1109/SCC.2008.60, July 2008 ("A" rated conference by CORE)
 44. G. Spanoudakis, K. Androutsopoulos: Monitoring Security and Dependability in Mobile P2P Systems , 3rd Int. Conf. for Internet Technology and Secured Transactions (ICITST '08), June 2008
 45. Siveroni I., Zisman A., Spanoudakis G.: Property Specification and Static Verification of UML Models, 3rd Int. Conf. on Availability, Reliability and Security (ARES 2008), 96-103, <http://doi.ieeecomputersociety.org/10.1109/ARES.2008.194>, March 2008 (acceptance rate: 22%)
 46. Kloukinas C., Spanoudakis G., : A Pattern-Driven Framework for Monitoring Security and Dependability , 4th Int. Conf. on Trust, Privacy and Security in Digital Business (TrustBus'07), Lecture Notes in Computer Science 4657/2007, DOI: 10.1007/978-3-540-74409-2_23, September 2007
 47. Zisman A. Mahbub K., Spanoudakis G.: A Service Discovery Framework based on Linear Composition, IEEE 2007 Int. Service Computing Conference (SCC '07), pp. 536-543,

³ Best paper award

- <http://doi.ieeecomputersociety.org/10.1109/SCC.2007.15>, July 2007 (acceptance rate: 19%)
48. Spanoudakis G., Mahbub K., Zisman A.: A Platform for Context Aware Runtime Web Service Discovery, IEEE 2007 Int. Conf. on Web Services (ICWS '07), pp. 233-240, July 2007, <http://doi.ieeecomputersociety.org/10.1109/ICWS.2007.9> (acceptance rate: 18%)
 49. Spanoudakis G., Kloukinas C., Androutsopoulos K.: Towards Security Monitoring Patterns, 22nd Annual Int. ACM Symposium on Applied Computing – Track on Software Verification, Seoul, South Korea, March 2007
 50. Koulouris T., Spanoudakis G., Tsigkritis T.: Towards a Framework for Dynamic Verification of Peer-to-Peer Systems, Int. Conf. on Internet and Web Applications and Services (ICIW 2007), ISBN 0-7695-2844-9, IEEE Computer Society 2007
 51. Zisman A., Spanoudakis G.: UML-based Service Discovery Framework, 4th Int. Conf. on Service Oriented Computing, LNCS Volume 4294/2006: 402-414, DOI 10.1007/11948148_33, December 2006
 52. Spanoudakis G., Zisman A.: UML-based Service Discovery Tool, 21st IEEE/ACM Int. Conf. on Automated Software Engineering, September 2006
 53. Spanoudakis G., Zisman A., Kozlenkov A.: A Service Discovery Framework for Service Centric Systems, 2005 IEEE Conf. on Services Computing (SCC 2005), July 2005,
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 58. Spanoudakis G., Avilla Garcez A., Zisman A.: Revising Rules to Capture Requirements Traceability Relations: A Machine Learning Approach, 15th Int. Conf. in Software Engineering and Knowledge Engineering (SEKE 2003), San Francisco, CA, USA, pp. 570-577, July 2003
 59. Zisman A., Spanoudakis G., Perez-Minana E., Krause P.: Tracing Software Requirements Artefacts, The 2003 Int. Conf. on Software Engineering Research and Practice (SERP'03), Las Vegas, Nevada, USA, pp. 448-455, June 2003
 60. Mella J., Zisman A., Nurse D., Spanoudakis G.: Using Web Services to Support Legacy Clinical Systems, Proceedings of *Healthcare Computing 2003*, Harrogate, March 2003
 61. Spanoudakis G.: Plausible and Adaptive Requirement Traceability Structures, Proceedings of the 14th Int. Conf. in Software Engineering and Knowledge Engineering, Ischia, Italy, pp. 135-142, 2002
 62. Spanoudakis G., Kim H.: Reconciliation of Object Interaction Models, Proceedings of the 7th Int. Conf. on Object-Oriented Information Systems (OOIS' 2001), Calgary, Canada, pp. 47-58, August 2001
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 64. Spanoudakis, G. and Zisman, A.: Information Monitors: An Architecture Based on XML, Proceedings of the 6th Int. Conf. on Object-Oriented Information Systems, London, pp. 442-455, ISBN 1-85233-420-7, December 2000
 65. Spanoudakis G., Kassis K.: An Evidential Framework for Diagnosing the Significance of Inconsistencies in UML Models, Proceedings of the Int. Conf. on Software: Theory and

Practice, World Computer Congress 2000, ISBN 7-5053-6110-4, Beijing, pp. 152-162, August 2000

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68. Spanoudakis G., Constantopoulos P.: On Evidential Feature Salience, *Proceedings of the 5th Int. Conf. on Database & Expert Systems Applications (DEXA '94)*, LNCS-856, ISBN 3-540-58435-8, Athens, Greece, pp. 153-162, September 1994
69. Spanoudakis G., Constantopoulos P.: Similarity for Analogical Software Reuse: A Computational Model, *Proceedings of the 11th European Conf. on Artificial Intelligence (ECAI '94)*, Amsterdam, The Netherlands, pp. 18-22, August 1994
70. Spanoudakis G., Constantopoulos P.: Measuring Similarity Between Software Artifacts, *Proceedings of 6th Int. Conf. on Software Engineering & Knowledge Engineering (SEKE '94)*, Jurmala, Latvia, pp. 387-394, June 1994
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72. Spanoudakis G., Constantopoulos P.: Similarity for Analogical Software Reuse: A Conceptual Modeling Approach, *Proceedings of 5th Int. Conf. on Advanced Information Systems Engineering (CAiSE '93)*, Paris, LNCS 685, pp. 483-503, June 1993
73. Papadourakis G., Spanoudakis G., Gotzias A.: Stock Price Forecasting using Neural Networks, *Proceedings of NEURONET '93*, Prague, September 1993

Refereed papers in Int. workshops (23)

1. Foster H. and Spanoudakis G., Taming the Cloud: Safety, Certification and Compliance for Software Services, *ICSOC Workshops (WESOA11)*, LNCS 7221: pp. 3-8, 2011
2. M. Bezzi, A. Sabetta, Spanoudakis G.: An architecture for certification-aware service discovery, *1st Int. Workshop on Securing Services on the Cloud*, September 2011
3. Foster H., Spanoudakis G.: SMaRT: A Workbench for Reporting the Monitorability of Services from SLAs, *3rd Int. Workshop on Principles of Engineering of Service-Oriented Systems – in conjunction with the 33rd ACM/IEEE Int. Conf. on Software Engineering*, 2011
4. Lorenzoli D., Spanoudakis G.: EVEREST+: Runtime SLA Violations Prediction, *5th Middleware for Service-oriented Computing Workshop - in conjunction with the 11th ACM/IFIP/USENIX Int. Middleware Conf.*, 2010
5. Mana A., Spanoudakis G., Harjani R., J.F. Ruiz: An Infrastructure for Maintenance and Evolution of Security and Dependability in Dynamic Computing Scenarios, *6th Workshop on Modern Software Maintenance – in conjunction with the VIII Brazilian Symposium on Software Quality (SBQS'2009)*, June 2009
6. Tsigritis T., Spanoudakis G.: A Temporal Abductive Diagnostic Process for Runtime Properties Violation, *ECAI 2008 Workshop on Explanation Aware Computing (Exact '08) – in conjunction with ECAI 2008*, July 2008
7. Pantazoglou M., Tsaglatidou A., Spanoudakis G.: Behaviour Aware Unified Service Discovery, *Int. Workshop SOC@Inside, ICSOC 2007*, September 2007.
8. Spanoudakis G.: Dynamic Trust Assessment of Software Services, *2nd Int. Workshop on Service Oriented Software Engineering (IW-SOSE '07) – in conjunction with the ESEC/FSE*, September 2007

9. Kozlenkov A., Fasoulas V., Sanchez F., Spanoudakis G., Zisman A.: A Framework for Architecture-driven Service Discovery, The 2006 Int. Workshop on Service Oriented Software Engineering (IW-SOSE '06) – in conjunction with the 28th Int. Conf. on Software Engineering, May 2006
10. Spanoudakis G.: Supporting the Construction of Decision Models for Software Selection: A Probabilistic Traceability Approach, 2nd Int. Workshop on Traceability in Emerging Forms of Software Engineering (TESFE '03), ISSN 1364-4009, Montreal, pp. 55-62, Oct 2003
11. Cysneiros G., Zisman A., Spanoudakis G.: A Traceability Approach for *i** and UML Models, Proceedings of 2nd Int. Workshop on Software Engineering for Large-Scale Multi-Agent Systems - ICSE 2003, May 2003
12. Zisman A., Spanoudakis G., Perez-Minana E., Krause P. Towards a Traceability Approach for Product Families Requirements, 3rd ICSE Workshop on Software Product Lines: Economics, Architectures, and Implications. Orlando, USA, May 2002.
13. Spanoudakis G., Kim H.: Quantitative Assessment of the Significance of Inconsistencies in Object-Oriented Designs, Proceedings of 4th Int. ECOOP Workshop on Quantitative Approaches in Object-Oriented Software Engineering, Edited by the Centre de Recherche Informatique de Montreal, Publication of the National Library of Canada, ISBN 2-89522-002-6, pp. 17-27, June 2000
14. Spanoudakis G., Finkelstein A.: Overlaps among Requirement Specifications, Proceedings of the ICSE '97 Workshop on Living with Inconsistency, Boston, USA, 1997
15. Finkelstein A., Spanoudakis G., Ryan M.: Software Package Requirements and Procurement, Proceedings of the 8th Int. Workshop on Software Specification and Design, pp. 141-145, IEEE Press, Schloss Velen, Germany, March 1996
16. Finkelstein A., Spanoudakis G., Till D.: Managing Interference, Joint Proceedings of the SIGSOFT '96 Workshops San Francisco, USA, ACM Publications, ISBN: 0-89791-867-3, pp. 172-174, October 1996
17. Spanoudakis G., Finkelstein A.: Reconciliation: Managing Interference in Software Development, Proceedings of the ECAI '96 Workshop on Managing Conflict in AI, Budapest, Hungary, August 1996
18. Emmerich W., Spanoudakis G., Finkelstein A.: Next-Generation Viewpoint-based Environments, Proceedings of the 7th Workshop on Next Generation of CASE Tools, pp. 125-130, Heraklion, Greece, May 1996
19. Pohl K., Assenova P., Doemges R., Johanesson P., Maiden N., Plihon V., Schmitt J.R., Spanoudakis G.: Applying AI Techniques to Requirements Engineering: The NATURE Prototype, Proceedings of ICSE-Workshop on Research Issues in the Intersection Between Software Engineering and Artificial Intelligence, Sorrento, pp. 6-16, May 1994
20. Constantopoulos P., Spanoudakis G.: Integrating Specifications, Proceedings of the Dagstuhl Seminar on Systems Requirements Analysis - Management & Exploitation; Schloss Dagstuhl, Germany, October 4th-7th, 1994
21. Spanoudakis G., Constantopoulos P., Kyprioti M.: Similarity Analysis for Process Modeling of Requirements Engineering, Proceedings of the Dagstuhl Seminar on Systems Requirements Analysis - Management & Exploitation; Schloss Dagstuhl, Germany, October 4th-7th, 1994
22. Papadourakis G., Spanoudakis G., Gotzias A.: Application of Neural Networks in Short-Term Stock Price Forecasting, Proceedings of 1st Int. Workshop on Neural Networks in the Capital Markets, London, pp. 1-9, November 1993
23. Spanoudakis G., Constantopoulos P.: Similarity for Analogical Software Reuse: A Conceptual Modeling Approach, Proceedings of the ERCIM Workshop on Methods and Tools for Software Reuse, Heraklion, Crete, Greece, October 1992

Articles published with editor's approval (3)

1. Belmonte Martin A., Marinos L., Rekleitis E., Spanoudakis G., Petroulakis N., Threat Landscape and Good Practice Guide for Software Defined Networks/5G, ENISA Report,

ISBN: 978-92-9204-161-8, DOI: 10.2824/67261, December 2015, available from:
<https://www.enisa.europa.eu/activities/risk-management/evolving-threat-environment/enisa-thematic-landscapes/sdn-threat-landscape>

2. Askoxylakis I., Papgrigoriou P., Kastanis D., Karamelas P., Spanoudakis G., SIREN – A Network Infrastructure for Emergencies, ERCIM News 100: 45-46, January 2015
3. Zisman A., Spanoudakis G.: Software Traceability: Past, Present & Future, Requironautics Quarterly, 13, Newsletter of the Requirements Engineering Specialist Group of the British Computer Society, Sep 2004

Editions of Special Journal Issues and Conference/Workshop Proceedings (8)

1. Spanoudakis, G., Marrington, A. and Iqbal, F. (2014). Security track. 2014 6th International Conference on New Technologies, Mobility and Security - Proceedings of NTMS 2014 Conference and Workshops. doi: 10.1109/NTMS.2014.6813990
2. Zhang K, Spanoudakis G., Visaggio G: Proceedings of the Eighteenth Int. Conf. on Software Engineering & Knowledge Engineering (SEKE'2006), San Francisco, CA, USA, July 5-7, 2006 SEKE 2006
3. Zhang K, Spanoudakis G., Vissaggio G.: Guest Editor's Introduction, Int. Journal of Software Engineering and Knowledge Engineering, 17(2): 167-169, 2007
4. Spanoudakis G., Zisman A.: Guest Editor's Introduction, Int. Journal of Software Engineering and Knowledge Engineering, 15(5): 747-750, Special Issue on Software Traceability, 2005
5. Spanoudakis G., Zisman A.: Proceedings of the 2nd Int. Workshop on Traceability in Emerging Forms of Software Engineering (TESFSE '03, organised in conjunction with the 18th IEEE Int. Conf. on Automated Software Engineering) October 2003, ISSN 1364-4009
6. D' Avilla Garcez A., Spanoudakis G., Zisman A.: Proceedings of Workshop on Intelligent Technologies for Software Engineering – in conjunction with the 9th European Software Engineering Conference and the 11th Symposium on Foundations of Software Engineering), September 2003
7. Spanoudakis G., Zisman A., Perez-Minana E.: Proceedings of the 1st Int. Workshop on Traceability in Emerging Forms of Software Engineering (organised in conjunction with the 17th IEEE Int. Conf. on Automated Software Engineering, September 2002
8. Vidal L., Finkelstein A., Spanoudakis G., and Wofl A.: Joint Proceedings of the SIGSOFT '96 Workshops, ACM Press, ISBN 0-89791-867-3, 1996

Articles in normal press

1. Askoxylakis I., Marinos L., Spanoudakis G., Bring you Own Device, Economist (Greek Edition), Issue of 28/12/2012

Articles under review/in preparation

1. Petroulakis N., Spanoudakis G., Askoxylakis Y., Towards a Definition of a Pattern Language for the Design of Secure and Dependable Networks, Computer Networks Journal (conditionally accepted)
2. Exarchos T., Rigas G., Bibas A., Kikidis K., Nikitas C., Wyuts F., Ihtijarevic B., Cenciarini M, Maurer C., McDonald N., Bamiou D.E, Luxon L., Prasinou M., Spanoudakis G., Koutsouris D., Fotiadis D., Diagnosis of Balance Disorders Using Decision Support Systems Based on Data Mining Techniques, IEEE Journal of Biomedical and Health Informatics (submitted; under review)
3. Pino L., Spanoudakis G.: Design of Secure Workflows: A Patterns Based Approach, Journal paper (in preparation)
4. Krotsiani M., Spanoudakis G., Continuous Cloud Certification, Journal paper (in preparation)

Citation indices (as taken from Google Scholar on 20/2/2016):

	All	Since 2011
Citations	2770	1293
h-index	28	18
i10-index	56	34

Dissertations

- D1. Spanoudakis G.: Analogical Similarity of Objects: A Conceptual Modeling Approach, *Doctoral dissertation* (written in English), *Department of Computer Science, University of Crete*, Greece, September 1994
- D2. Spanoudakis G.: A Software Tool for Verifying Completeness and Consistency of Knowledge Bases, *MSc Dissertation*, *Department of Computer Science, Queen Mary College, University of London*, London, September 1989

Funded Research Projects

Total funding in excess of €6m.

- *Trustworthy Model Aware Analytics Data Platform (TOREADOR, Jan 2016 – Dec 2018)*
Funding source: EU Horizon 2020 Programme
Value: € 499,437 (City University) – € 6.3m (Total)
Role: Principal Investigator for City University
Overview: The project aims to produce platform enabling model driven and customizable data analytics with guaranteed security and quality properties.
- *Analysis of Security Threats and Risks for Software Defined Networks (July 2015 – Nov 2015)*
Funding source: ENISA
Value: € 30,000 (City University) – € 30,000 (Total)
Role: Principal Investigator for City University
Overview: The project aims to produce an analysis of security threats, risks and mitigation strategies for software-defined networks.
- *ORTCity (Dec 2015 – Mar 2016)*
Funding source: Foreign & Commonwealth Office, Science and Innovation Fund - Uruguay, UK
Value: £7,625 (City University)
Role: Co-investigator (Principal Investigator: Dr. Christos Kloukinas)
Overview: Exchange of visits with Software Architectures Group (Prof. Sergio Yovine) of Universidad ORT Uruguay to enable joint research on Automated Frameworks for Architecting Large-Scale Parallel Computing Software Systems.
- *Multi-scale Balance Hypermodel towards early diagnostic Evaluation and efficient Management plan formulation (EMBalance, Dec 2013 – Nov 2016)*
Funding source: EU (F7 STREP Project)
Value: € 350,476 (City University) – € 3.5m (Total)
Role: Principal investigator for City & Quality Manager of the project
Overview: The project aims to develop a multi-scale and patient-specific balance Hypermodel and a Decision Support System implementing it in order to provide early diagnosis, prediction and the efficient treatment planning of balance disorders.
- *Certification Infrastructure for Multi-Layer Cloud Services (CUMULUS, Oct 2012 – Sep 2015)*
Funding source: EU (F7 STREP Project)
Value: € 380,980 (City University) – € 3m (Total)
Role: Principal investigator for City & Scientific coordinator of the project
Overview: Development of techniques to enable certification of services at different layers in cloud stacks, including infrastructure, platform and software layer services.
- *Advanced Security Service cERTificate for SOA (ASSERT4SOA, Oct 2010 – Sep 2013)*
Funding source: EU (F7 STREP Project)
Value: € 380,980 (City University) – € 3.2m (Total)
Role: Principal investigator

Overview: Development of techniques to enable certification-based assurance of service-based systems.

- *Internet of Things At Work (IoT@Work, Jul 2010 – Jun 2013)*
Funding source: EU (F7 STREP Project)
Value: € 398,624 (City University) – € 3.5m (Total)
Role: Co-investigator (Principal Investigator: Dr.. Christos Kloukinas)
Overview: IoT@Work aimed to deliver tools and runtime mechanisms based on “Internet-of-Things” technologies to simplify the commissioning, operation, and maintenance of complex production processes.
- *Network of Excellence on Engineering Secure Future Internet Software Services and Systems (NESSOS, Oct 2010 – Sep 2013)*
Funding source: EU (F7 Network of Excellence)
Value: support for individual activities
Role: Associate Member
Overview: Network of Excellence in security for Future Internet Software Services and Systems.
- *Empowering the Service Economy with SLA aware Infrastructures (SLA@SOI, Jun 2008 – Jul 2011)*
Funding source: EU (F7 Integrated Project)
Value: € 575,775 (City University) – € 9.6m (Total)
Role: Principal investigator
Overview: Development of a holistic SLA management framework integrated with service oriented system infrastructures.
- *Software Services and Systems Network (S-Cube, Mar 2008 – Feb 2012)*
Funding source: EU (F7 Network of Excellence)
Value: € 656,195 (City University, shared with Centre for HCID) – € 10m (Total)
Role: Principal investigator (Department of Computing)
Overview: Network of Excellence in Software systems and services.
- *System Engineering for Security and Dependability (SERENITY, Jan 2006 – Jun 2009)*
Funding source: EU (F6 Integrated Project)
Value: € 587,232 (City University) – € 7.25m (Total)
Role: Principal investigator
Overview: Development of a framework supporting the automated integration, configuration, monitoring and adaptation of security and dependability mechanisms for Aml ecosystems.
- *Visiting Research Professor at the University of Malaga (Apr 2008 – Jul 2008)*
Funding source: Spanish Ministry of Education – Mobility and Sabbaticals Programme
Value: € 12,500
Role: Visiting Professor
Overview: Funded 4-month collaboration in the area of software systems security with the University of Malaga.
- *Grid Enabled Access to Rich Media Content (GREDIA, Oct 2006 – May 2009)*
Funding source: EU (F6 STREP Project)
Value: € 335,000 (City University) – € 2.4m (Total)
Role: Co-investigator
Overview: GREDIA’s aim was to design, implement and validate a reliable platform with high-level support for the development and deployment of secure Grid business applications making use of mobile services to provide access to rich media content.
- *Mobile Peer-to-Peer Security Infrastructure (PEPERS, Jan 2006 – Jun 2008)*
Funding source: EU (F6 STREP Project)
Value: € 323,164 (City University) – € 1.9m (Total)
Role: Principal investigator
Overview: PEPERS was aimed at designing, implementing and validating a reliable platform with high-level support for the design, development and operational deployment of secure mobile peer-to-peer applications.
- *Service Centric Systems Engineering (SeCSE, Sep 2004 – Aug 2008)*
Funding source: EU (F6 Integrated Project)

Value: € 989,301(City University, shared with Centre for HCID) – € 10m (Total)

Role: Principal investigator (Department of Computing)

Overview: Development of methods, tools and techniques for developing and deploying web service based systems. Own work focused on run-time monitoring of service based systems and service discovery driven by architectural models and run-time violations of functional and quality-of-service requirements.

- *Evaluation of performance and architectures for healthcare systems (NEVIS, 2004) Funding source: CSW Informatics Ltd*
Value: £15,000
Role: Consultant (jointly with Dr. A. Zisman)
Overview: Evaluation of performance of XML-based data architectures in distributed heterogeneous healthcare systems.
- *Security monitoring in web-service based systems (2004 - 2007)*
Funding source: City University (PhD studentship, Student: Theocharis Tsigkritis)
Value: £40,000
Role: Main supervisor
- *Run-time requirements monitoring (2002 - 2005)*
Funding source: City University (PhD studentship, Student: Khaled Mahbub)
Value: £40,000
Role: Main supervisor
- *Requirements traceability (2001 - 2002)*
Funding source: Philips Research Labs – UK
Value: £5,000
Role: Principal investigator (jointly with Dr. A. Zisman)
Overview: Development of techniques to support the automatic generation and maintenance of traceability relations between requirement artefacts and other software models developed to document families of software intensive systems.
- *Interference Management in OO Software Development (IMOOSD, 1999 - 2000)*
Funding source: EPSRC
Value: £49,000
Role: Principal investigator
Overview: Development of techniques to support the detection and reconciliation of inconsistencies in partial, object-oriented models of software systems.

Participation in Other Research Projects

- *RENOIR (EU Framework III network of excellence in requirements engineering, 1997-2000)*
- *NATURE (ESPRIT project on requirements engineering, 1992-1995).*
- *ITHACA (ESPRIT project on software reuse, 1989-1992)*

Industrial Collaborators

In the context of different research projects, I have collaborated with the following industrial organizations: BT (UK), SAP AG-Security Research Labs (France), SAP AG (Germany and Ireland), Intel (Ireland), Engineering Ingegneria Informatica S.p.A (Italy), Thales (France), ATOS (Spain), Telefonica Investigacion y Desarrollo (Spain), Nokia (Finland), European Microsoft Innovation Centre (Germany), Siemens AG (Germany), Cassidian (France), DaimlerChrysler (Germany), Telecom Italia Lab (Italy), Telecom Austria (Austria), Infineon SA (Germany), Cloud Security Alliance/CSA-EMEA (UK), Computer Associates (UK), Centro Ricerche Fiat (Italy), Wellness Telecom (Spain), ATC SA (Greece), Symbian Ltd (UK), CSW Ltd (UK), Deep Blue S.A (Italy) and Philips Research Labs (UK).

Supervision of research students

Completed

1. Krotsiani M., PhD (2016), Topic: Model Driven Certification of Cloud Service Security Based on Continuous Monitoring, City University, first supervisor
2. Pino L., PhD (2015), Security aware software composition, Department of Computer Science, City University, first supervisor
3. Katopodis S., MPhil (2015), Topic: Hybrid certification of security of cloud services, first supervisor
4. Palacios M., PhD (2014), Testing of SLAs, University of Oviedo, Spain, co-supervisor
5. Tsigritis T., PhD (2011): Diagnosis of Security Violations, Department of Computing, City University, first supervisor
6. Gilberto Cysneiros, PhD (2010): Traceability in Agent Oriented Software Systems Engineering, co-supervisor
7. Mahbub K., PhD (2007), Requirements monitoring for web-services, Department of Computing, City University, first supervisor
8. Jirapanthong W., PhD (2007), Traceability in Software Product Families, Department of Computing, City University, co-supervisor
9. Kasis K., MPhil (2007), Diagnosis of significance of inconsistencies in software design, Department of Computing, City University, first supervisor

Ongoing

1. Meng X., PhD student, Topic: Mobile botnet detection and prevention (started on 10/2012; in writing up status)
2. Matzoukas K., PhD student, Topic: Big data analytics for cloud monitoring (started on 2/2013)
3. Petroulakis N., PhD student, Topic: Networks and Smart Environments Security (started on 3/2013)
4. Prasinos M., PhD student, Topic: Diagnosis of balance problems (started on 2/2014)

Supervision of research assistants and fellows

Dr. Paschalis Papagrigoriou (1/2016 – 3/2016); Dr. Maria Krotsiani (12/2015 – present); Dr. Ioannis Basdekis (12/2015 – present); Mr Konstantinos Mantzoukas (9/2015 – present); Dr. Ioannis Askoxylakis (7/2015 – 11/2015); Konstantinos Giokas (5/2014 – 12/2015); Luca Pino (4/2014 – 7/2015); Dr. Khaled Mahbub (7/2008 – 8/2014; now lecturer at Birmingham City University); Dr. Howard Foster (1/2010 – 3/2012; in industry); Dr. Davide Lorenzoli (7/2008 – 7/2011; in industry); Dr. Marco Commuzi (7/2008 – 6/2009; now lecturer at City University); Dr. Igor Siveroni (7/2007 – 12/2008); Dr. Stephane LoPresti (3/2008 – 8/2008); James Dooley (9/2007 – 9/2008); Dr. Nuno Amalio (10/2007 – 9/2008); Theo Koulouris (9/2006-8/2007; in industry); Dr. Kelly Androutsopoulos (2/2006 – 4/2008; senior lecturer at University of Middlesex, UK); Costas Ballas (3/2006 – 12/2006)

TEACHING & COURSE DEVELOPMENT

Course Development & Management

- 2013 - 14: Member of development team of the new MSc Programme in Cyber Security, School of Engineering, Computer Science and Mathematical Sciences, City University (launched in Sep 2014)
- 2004 - 05: Development and launching of MSc programme in Software Engineering, Department of Computing, City University
- 2002 - 03: Development and launching of new MSc programme in Electronic Business Systems, Department of Computing, City University
- 1999 - 2002: Director of the MSc programme in Object-Oriented Software Systems, Department of Computing, City University

Postgraduate Teaching

- 2015: *Security Audit and Certification*, MSc Programme in Cyber Security, School of Engineering, Computer Science and Mathematical Sciences, (15-25 students per year); Latest average student satisfaction scores: teaching: 4.1/5.0; assessment/feedback: 4.0/5.0; overall module satisfaction: 4.0/5.0
- 2009 - present: *Service Oriented Architectures*, MSc programmes of Department of Computer Science, City University, (15-20 students per year); Latest average student satisfaction scores: teaching: 4.4/5.0; assessment/feedback: 4.5/5.0; overall module satisfaction: 4.2/5.0
- 2005 - present: *Software Systems Design*, MSc programmes of Department of Computing, City University, (25-30 students per year), Latest average student satisfaction scores: teaching: 4.5/5.0; assessment/feedback: 4.4/5.0; overall module satisfaction: 4.3/5.0
- 2008 - 09: *MSc Projects Tutor*, MSc programmes of School of Informatics, City University, three-semester module (120 students)
- 2004: *Software Systems Engineering*, MSc programmes of Department of Computing, City University, one semester module taught for 1 academic year (50 students)
- 2004: *Object-Oriented Analysis and Design*, MSc in Business Systems Analysis and Design, Department of Computing, City University, one semester module (50 students)
- 2002 - 04: *MSc Projects Tutor*, MSc in Object-Oriented Software Systems, Department of Computing, City University, two-semester module (30 students)
- 2000 - 2004: *Software Engineering Group Project*, MSc in Object-Oriented Software Systems, Department of Computing, City University, one semester module (25-30 students per year)
- 1999: *Object Oriented Software Design with UML*, Postgraduate programme, Department of Computer Science, University of Crete, one semester module (20 students)
- 1997-2001: *Object Oriented Analysis and Design*, MSc in Object-Oriented Software Systems, Department of Computing, City University, one semester module taught for four academic years (25-30 students per year)
- 1994 -1995: *Information systems*, Postgraduate programme, Department of Computer Science, University of Crete, one semester module taught for one academic year

Undergraduate teaching

- 2012: *Networks and Operating Systems* (Module Leader; no direct lecturing), BSc programme (2nd year), Department of Computing, City University, one semester module (150 students)
- 1997-2000: *Introduction to Database Modeling*, BEng programme (1st year), Department of Computing, City University, one semester module taught for three academic years, 1st year (200-230 students)
- 1999: *Databases*, BSc programme, Department of Information Systems, London School of Economics, part of a two semester module taught for one academic year
- 1997-98: *Software Engineering Group Project*, BEng programme (2nd year), Department of Computing, City University, two-semester module taught for one academic year (150 students)
- 1996-97: *Introduction to Database Systems*, BSc programme (1st year), Department of Computer Science, City University, one semester module taught for one academic year (150-200 students)
- 1993-94: *Database systems*, BSc programme (3rd year), Department of Computer Science, University of Crete, one semester module taught for one academic year

1992: *Information Theory*, BSc programme (4th year), Department of Computer Science, University of Crete, one semester module taught for one academic year

Undergraduate and non-doctoral student supervision

I have supervised more than 80 MSc dissertations and 120 BSc level final year student projects.

EXTERNAL AND PROFESSIONAL CONTRIBUTIONS

Public appearances & engagement

- Selected for MEP-Scientist Pairing Scheme, European Parliament, Directorate General for Parliamentary Research Services (EPRS), September 2015
- Presentation on Smart Cities Research and Technology, *Research and Technology Committee of the Greek Parliament*, 4/12/2014 (in Greek), broadcasted by the Hellenic Parliament TV Channel on 4/12/2014 and on 10/12/2014 (18.00 – 20.20), available at: <http://www.hellenicparliament.gr/Vouli-ton-Ellinon/ToKtirio/Fotografiko-Archeio/#b41434ff-f228-44eb-8bd8-a3fe00ad8463>

Advisory/steering committees

Government and Industry

- Chair of Security Committee, OCTAVE Project (2015-2017), EU Horizon 2020 programme
- Advisory board of EU Framework 7 Project “Confidential and Compliant Clouds” (Coco Cloud), Mar 2015 – present)
- Advisory board of EU Framework 7 Integrated Project “Accountability for Cloud” (A4Cloud), Dec 2012 – present)
- Advisory board of EU Framework 7 CSA Project “Certification, Internationalisation and Standardisation in Cloud Security” (CIRRUS), (Jan 2013 – Sep 2014)
- Working Group, Open Certification Framework, Cloud Security Alliance (Sep 2012 – 2013)

Appointment and promotion committees

- Appointment committee (Associate Professor), University of Piraeus, Greece, 12/2015
- Appointment committee (Professor), University of Huddersfield, UK, 12/2014
- Appointment committee (Associate Professor), Department of Digital Systems, University of Piraeus, 6/2014
- Appointment committee (Assistant Professor), Department of Informatics, University of Ioannina, 2/2013
- Appointment committee (Associate Professor), Department of Culture and New Technologies, University of Western Greece (1/2013);
- Appointment committee (Associate Professor), Department of Computer Engineering and Telecommunications, University of Western Macedonia, Greece, 11/2012
- Appointment committee (Associate Professor), Department of Digital Systems, University of Piraeus, Greece, 11/2012
- Several committees at all levels within City University (2004 – present)

Other external advisory service

- Reviewer for Science Foundation Ireland (SFI); off-site review of proposals for SFI funded Research Centers (2014)

- Reviewer for Science Foundation Ireland (SFI); panel for on-site evaluation of LERO, the Software Research Institute of Ireland (2013)
- External reviewer, Software Engineering Modules, Open University (2013)
- External Expert, Evaluation of Quality of Research (VQR 2004-2010), National Agency for the Evaluation of Universities and Research Institutes (ANVUR), Italy, 7/2012 – present
- Reviewer for the Engineering and Physical Sciences Research Council (EPSRC), UK
- Reviewer for Science Foundation Ireland (SFI); panel for investigator projects in Computational Science, Mathematics and Statistics (2012)
- Reviewer for the Research Funding Programme of the Ministry of Education and Religious Affairs, Greece (2010)
- Reviewer for the JACQUARD (Joint Academic and Commercial Quality Research & Development) programme of the Netherlands Organization for Scientific Research (NWO)
- Reviewer for National Research programmes of the Research Promotion Foundation, Republic of Cyprus
- Reviewer for National Authority for Scientific Research of Romania (2011)
- Reviewer for the research funding programme of the University of Bolzano (2010, 2013)
- Reviewer for the research funding programme of the University of Milan (2010)
- Chair of External Evaluation Committee of Department of Applied Informatics and Multimedia Systems, Technological Institution of Crete, Hellenic Quality Assurance Agency, Greece, 2011

External Examining

- External Examiner for MSc Programmes in Computer Science, Queen Mary College, University of London (2014 – 2017)
- External Examiner for Business Computing, Undergraduate programme, Business School, Kingston University (1998 – 2001)

PhD Examining

- Nanxi Chen, Goal-Driven Service Composition in Mobile and Pervasive Computing (supervisor: Prof. Siobhán Clarke), Trinity College, University of Dublin, Ireland, February 2016 (forthcoming)
- Asad Ali, Language-based access control (supervisor: Prof. Maribel Fernandez), Kings College, University of London, January 2015
- Pramod Pawar, Cloud Broker Based Trust Assessment of Cloud Service Providers (supervisor: Prof. M. Rajarajan), City University London, September 2014
- George Baryannis, A Novel Specification and Composition Language for Services (supervisor: Prof. Dimitris Plexousakis), University of Crete, July 2014
- Alexandros Mylonas, Explo(r)iting the user's exposure to security and privacy threats in the smartphone ecosystem (supervisor: Prof. Dimitrios Gritzalis), Athens University of Economics and Business, January 2014
- Maria Paola Bianchi, Descriptive complexity of classical and quantum unary automata, (supervisor: Prof. Beatrice Palano), Università degli Studi di Milano, February 2013
- Ruggero Donita Labati, Contactless Fingerprint Biometrics: Acquisition, Processing, and Privacy Protection, (supervisor: Prof. Vincenzo Piuri), Università degli Studi di Milano, February 2013
- Paolo Arcarini, Tool-Assisted Validation and Verification Techniques for State-Based Formal Methods, (supervisor: Prof. Elvinia Riccobene), Università degli Studi di Milano, February 2013

- Paolo Tirelli, Adaptive processing architecture of multi-sensor signals for low-impact treatments of plant diseases, (supervisor: Prof. N. Alberto Borghese), Università degli Studi di Milano, February 2013
- Stefano Siccardi, Quantum Information Methods for Entanglement Computation: the case of the Helium Atom, (supervisor: Prof. Rita Pizzi), Università degli Studi di Milano, February 2013
- Varsha Veerappa, Clustering methods for requirements selection and optimization, (supervisor: Dr. Letier), University College London, November 2012
- Ioannis Askoksyllakis, Secure and Resilient Communications For Emergency Response, University of Bristol, (supervisor: Dr. T. Tryphonas), May 2012
- Antonio Muñoz Gallego, Un Enfoque en la Protección de Sistemas de Agentes, Departamento de Lenguaje y Ciencias de la Computación, Universidad de Málaga, September 2010 (supervisor: Prof. Antonio Maña Gomez)
- Luca Vetti-Tagliati, Software Evolution Using Requirements Patterns, Doctoral Thesis, School of Computer Science and Information Systems, Birkbeck College, University of London, November 2009, (supervisors: Dr. Roger Johnson and Dr. George Roussos)
- Karen Lawson, Knowledge Based Web Services for Context Adaptation, Engineering Doctorate Dissertation, Department of Computer Science, University College London, September 2005 (Prof. A. Finkelstein)

Journal editorial board memberships

- 2005 – present: Associate Editor, Int. Journal of Software Engineering and Knowledge Engineering, World Scientific Publishing
- 2009 – present: Editorial Review Board, Int. Journal of Distributed Systems and Technologies, IGI Global
- 2012 – present: Editorial Board (Computer Science Domain), The Scientific World Journal
- 2012 – present: Editorial Board, Int. Journal On Advances in Intelligent Systems, ISSN: 1942-2679
- 2012 – present: Editorial Board, Int. Journal On Advances in Security, ISSN: 1942-2636
- 2012 – present: Editorial Board, Int. Journal On Advances in Software, ISSN: 1942-2628
- 2013 – present: Editorial Board, Int. Journal of Networked Computing and Advanced Information Management, ISSN: 2093-968X (Print), 2234-3687 (Online)
- 2013 – present: Editorial Board, International Journal of Services Computing, ISSN: 2330-4472
- 2013 – present: International Review Board, International Journal of Information Technology and Web Engineering (IJITWE), ISSN: 1554-1045
- 2014 – present: International Journal of Web Services Research (IJWSR), ISSN: 1545-7362

Editorial Committees of special journal issues

- E. Damiani, S. Gürgens, A. Maña, G. Spanoudakis, C. A. Ardagna: Journal of Systems Architecture, Special Issue on Embedded Systems Design, 57(3), 2011
- Editorial committee of Int. Journal of Computer Systems Science and Engineering (IJCSSE), Special Issue on Open Source Certification, 2009
- Guest Editor of Int. Journal of Software Engineering and Knowledge Engineering, Special Issue on Software Traceability, 15(5), 2005

Other journal reviewing

IEEE Transactions in Software Engineering, IEEE Transactions in Services Computing, ACM Transactions on Software Engineering and Methodology, ACM Transactions on Information Systems, ACM Computing Surveys, Requirements Engineering Journal, Int. Journal of Information

Systems, Automated Software Engineering Journal, Int. Journal of Software and System Modelling, The Computer Journal, International Journal of Information Security

Conference/workshop steering committees

1. Steering Committee of 2015 International Workshop on Autonomic Cloud Cybersecurity
2. Steering committee of Service and Software Architectures, Infrastructures and Engineering (SSAIE) Summer School (2010)
3. Founder and member of the steering committee of the series of the Int. Workshop on Traceability in Emerging Forms of Software Engineering (2002 – present)

Conference/workshop chairing

1. Co-chair, 2014 IEEE International Workshop on Autonomic Cloud Cybersecurity, In conjunction with the 2014 Int. Conf. on Cloud and Autonomic Computing, London, Sep 2014
2. Co-chair, Security Track, 6th Int. Conf. on New Technologies, Mobility and Security (NTMS 2014), Dubai, March-April 2014
3. Chair, Security and Trusted Computing Track, 5th Int. Conf. on Complex, Intelligent and Software Intensive Systems (CISIS-2011)
4. Co-chair, Industrial Experiences for Service Oriented Computing Workshop (IE4SOC), Held in conjunction with ServiceWave 2009
5. Co-chair of the 19th Int. Conf. on Software Engineering and Knowledge Engineering (SEKE 2007)
6. Co-chair of the 18th Int. Conf. on Software Engineering and Knowledge Engineering (SEKE 2006)
7. Workshops co-chair of the 22nd IEEE/ACM Int. Conf. on Automated Software Engineering
8. Workshops co-chair of the 20th IEEE Int. Conf. on Automated Software Engineering
9. Workshops co-chair of the 19th IEEE Int. Conf. on Automated Software Engineering
10. Publication chair of the 2004 IEEE Joint Requirements Engineering Conference (RE 2004)
11. Co-chair of the Int. Workshop on Intelligent Technologies in Software Engineering (WITSE 2003) in conjunction with the joint European Software Engineering Conference and ACM SIGSOFT Symposium on the Foundations of Software Engineering (ESEC/FSE 2003)
12. Co-chair of the 2nd Int. Workshop on Traceability in Emerging Forms of Software Engineering (TEFSE 2003) in conjunction with the 18th IEEE Int. Conf. on Automated Software Engineering (ASE '2003)
13. Founder and co-chair of the 1st Int. Workshop on Traceability in Emerging Forms of Software Engineering in conjunction with the 17th IEEE Int. Conf. on Automated Software Engineering (ASE '2002)
14. Co-chair of the Int. Workshop on Multiple Perspectives in Software Development (ACM Symposium on the Foundations of Software Engineering - Sigsoft 96)

Conference/workshop program committee memberships (175)

1. 23rd International Conference on Telecommunications (ICT 2016)
2. 14th Int. Conf. on Service Oriented Computing (ICSOC 2016)
3. 13th IEEE Int. Conf. on Services Computing (IEEE SCC 2016)
4. 3rd International Conference on Big Data Analysis and Data Mining (Data Mining 2016)
5. 28th Int. Conf. on Software Engineering and Knowledge Engineering (SEKE'2016)
6. 10th Int. Conf. on Emerging Security Information, Systems and Technologies (SECURWARE 2016)
7. 4th Int. Conf. on Model-Driven Engineering & Software Development (MODELSWARD 2016)
8. 14th IASTED International Conference on Software Engineering (SE 2016)

9. 9th Int. Conference on Dependability (DEPEND 2016)
10. 8th IEEE International Workshop on Security Aspects in Processes and Services Engineering (SAPSE 2016)
11. 13th Int. Conf. on Service Oriented Computing (ICSOC 2015)
12. 12th IEEE Int. Conf. on Services Computing (IEEE SCC 2015)
13. 8th IEEE Int. Conf. on Service-Oriented Computing and Applications (SOCA 2015)
14. 10th International Conference on Risks and Security of Internet and Systems (CRISIS 2015)
15. 2015 International Conference on Information and Communication Technology Research
16. 9th Int. Conf. on Emerging Security Information, Systems and Technologies (SECURWARE 2015)
17. 5th IEEE International Workshop on Software Certification (WoSoCer)
18. 1st International Workshop on UML Consistency Rules (WUCOR 2015)
19. 27th Int. Conf. on Software Engineering and Knowledge Engineering (SEKE'2015)
20. 2nd International Conference on Mobile and Wireless Technology (ICMWT 2015)
21. 3rd Int. Conf. on Model-Driven Engineering & Software Development (MODELSWARD 2015)
22. 7th Int. Conf. on Advanced Service Computing (SERVICE COMPUTATION 2015)
23. 6th Int. Conf. on Cloud Computing, GRIDs, and Virtualization (CLOUD COMPUTING 2015)
24. 7th IEEE International Workshop on Security Aspects in Processes and Services Engineering (SAPSE 2015)
25. IEEE 5th International Workshop on Security and Privacy Engineering (SPE2015)
26. 8th Int. Conference on Dependability (DEPEND 2015)
27. 7th IEEE Int. Conf. on Service-Oriented Computing and Applications (SOCA 2014)
28. 13th Int. Conf. on Cryptology & Network Security (CANS 2014)
29. 12th Int. Conf. on Service Oriented Computing (ICSOC 2014)
30. IEEE Int. Conf. on Biomedical and Health Informatics (IEEE BHI 2014)
31. 11th IEEE Int. Conf. on Services Computing (IEEE SCC 2014)
32. 12th Int. Conf. on Service Oriented Computing (ICSOC 2014)
33. 26th Int. Conf. on Software Engineering and Knowledge Engineering (SEKE'2014)
34. 8th Int. Conf. on Emerging Security Information, Systems and Technologies (SECURWARE 2014)
35. 7th Int. Conference on Dependability (DEPEND 2014)
36. 5th Int. Conf. on Cloud Computing, GRIDS and Virtualisation (CLOUD COMPUTING 2014)
37. 2nd Int. Conf. on Human Aspects of Information Security, Privacy and Trust (HAS 2014)
38. 7th IFIP Int. Conf. on New Technologies, Mobility and Security (NTMS 2014)
39. 2nd Int. Conf. on Model-Driven Engineering & Software Development (MODELSWARD 2014)
40. 6th IEEE International Workshop on Security Aspects in Processes and Services Engineering (SAPSE 2014)
41. 2nd International Workshop on Security Assurance in the Cloud (IWSAC 2014)
42. IFIP Fourth Symposium on Data-Drive Process Discovery and Analysis (SIMPDA 2014)
43. 6th Int. Conf. on Advanced Service Computing (SERVICE COMPUTATION 2014)
44. 8th Int. Conf. on Advanced Engineering Computing and Applications in Sciences (ADVCOMP 2014)
45. 11th Int. Conf. on Service Oriented Computing (ICSOC 2013)
46. 13th IEEE Int. Conf. on BioInformatics and BioEngineering (BIBE 2013)
47. 20th IEEE Int. Conf. on Web Services (ICWS 2013)
48. 4th Int. Conf. on Cloud Computing, Grids and Virtualisation (Cloud Computing 2013)

49. 10th IEEE Int. Conf. on Services Computing (SCC 2013)
50. 25th Int. Conf. on Software Engineering and Knowledge Engineering (SEKE'2013)
51. 6th IEEE Int. Conference on Service-Oriented Computing and Applications (SOCA 2013)
52. Workshop Selection Committee, 35th Int. Conf. on Software Engineering (ICSE 2013)
53. 2013 World Conf. on Information Systems and Technologies (WorldCIST 2013)
54. 5th Int. Conf. on Resource Intensive Applications and Services (Intensive 2013)
55. 1st Int. Conf. on Human Aspects of Information Security, Privacy and Trust (HAS 2013)
56. 7th Int. Conf. on Emerging Security Information, Systems and Technologies (SECURWARE 2013)
57. 6th Int. Conference on Dependability (DEPEND 2013)
58. 7th Int. Conf. on Advanced Engineering Computing and Applications in Sciences (ADVCOMP 2013)
59. 8th Int. Conf. on Digital Telecommunications (ICDT 2013)
60. IEEE 2013 Int. Works. on Service Security and Assurance Perspectives (WOSSAP'2013)
61. 5th COMPSAC 2013 Workshop on Security Aspects of Process and Services Engineering (SAPSE 2013)
62. 5th Int. Conf. on Advanced Service Computing (SERVICE COMPUTATION 2013)
63. 2nd Int. Works. on Quality Assurance for Service-based applications (QASBA 2013)
64. 9th Int. Works. on Security and Trust Management (STM 2013)
65. 2012 IEEE Int. Conf. on Service Oriented Computing & Applications (SOCA 2012)
66. 10th Int. Conf. on Service Oriented Computing (ICSOC 2012)
67. 10th IEEE Int. Conf. on Web Services (ICWS 2012)
68. 7th Int. Conf. on Risks and Security of Internet and Systems (CRiSiS 2012)
69. 4th Int. Conf. on Advanced Service Computing (SERVICE COMPUTATION 2012)
70. 3rd Int. Conf. on Cloud Computing, Grids and Virtualisation (Cloud Computing 2012)
71. 5th IFIP Int. Conf. on New Technologies, Mobility and Security (NTMS 2012)
72. 6th Int. IEEE Conf. on Digital Ecosystems Technologies – Complex Environment Engineering (IEEE DET-CEE 2012)
73. Int. Conf. on Data Technologies and Applications (DATA 2012)
74. IFIP 2.6 - 2.12 First Int. Symposium on Data-Driven Process Discovery and Analysis (SIMPDA 2012)
75. 24th Int. Conf. on Software Engineering and Knowledge Engineering (SEKE 2012)
76. 6th Int. Conf. on Emerging Security Information, Systems and Technologies (SECURWARE 2012)
77. 6th Int. Works. in Information Security Theory and Practice (WISTP 2012)
78. 7^h Int. Conf. on Software and Data Technologies (ICSOFT 2012)
79. 4th Int. Conf. on Resource Intensive Applications and Services (Intensive 2012)
80. 15th Int. Conf. on Fundamental Approaches to Software Engineering (FASE 2012)
81. 2012 Workshop on Redefining and Integrating Security Engineering (RISE 2012)
82. LATIN AMERICAN CONGRESS ON REQUIREMENTS ENGINEERING & SOFTWARE TESTING LACREST MEDELLÍN 2012
83. 9th Int. Conf. on Service Oriented Computing (ICSOC 2011)
84. IEEE Int. Conf. on Service-Oriented Computing and Applications (SOCA '11)
85. 7th Int. Symposium on Wireless sensor network Technologies and Applications for Smart Space (WTA 2011)
86. 4th IEEE Int. Conf. on Cloud Computing (CLOUD 2011)
87. 2nd Int. Conf. on Cloud Computing, Grids and Virtualisation (Cloud Computing 2011)

88. 9th IEEE Int. Conf. on Web Services (ICWS 2011)
89. 6^h Int. Conf. on Software and Data Technologies (ICSOFT 2011)
90. 23rd Int. Conf. on Software Engineering and Knowledge Engineering (SEKE 2011)
91. 5th Int. Conf. on Emerging Security Information, Systems and Technologies (SECUREWARE 2011)
92. 15th Int. Conf. on Fundamental Approaches to Software Engineering (FASE 2011)
93. 2011 European Intelligence and Security Conference (EISIC 2011)
94. 3rd Int. Conf. on Resource Intensive Applications and Services (Intensive 2011)
95. ServiceWave 2011 – European Conference on Software Services
96. 3rd Int. Conf. on Advanced Service Computing (SERVICE COMPUTATION 2011)
97. 2nd Int. Conf. on Services in Emerging Markets (ICSEM 2011)
98. 3rd Int. Conf. on Advanced Geographic Information Systems, Applications, and Services (GEOProcessing 2011)
99. 33rd Int. Conf. on Software Engineering (ICSE 2011) – Research Demos
100. 1st Int. Workshop on Quality Assurance for Service-based Applications (QASBA 2011), co-located with ECOWS 2011
101. 1st Int. Workshop on Securing Services on the Cloud (IWSSC 0211) – in conjunction with 5th Int. Conf. on Network and System Security (NSS 2011)
102. 3rd COMPSAC 2010 Workshop on Security Aspects of Process and Services Engineering (SAPSE 2011)
103. 8th Int. Conf. on Service Oriented Computing (ICSOC 2010)
104. 8th IEEE Int. Conf. on Web Services (ICWS 2010)
105. 12th Int. Symposium on Distributed Objects, Middleware, and Applications (DOA'10)
106. 1st Int. Conf. on Services in Emerging Markets (ICSEM 2010)
107. ServiceWave 2010 – European Conference on Software Services
108. 3rd IEEE Int. Conf. on Cloud Computing (CLOUD 2010)
109. 1st Int. Conf. on Cloud Computing and Services Science (CLOSER 2010)
110. 15th European Symposium on Research in Computer Security (ESORICS 2010)
111. 5th Int. Conf. on Software and Data Technologies (ICSOFT 2010)
112. 2nd Int. Workshop on Principles of Engineering Service Oriented Systems (PESOS 2010) – in conjunction with ICSE 2010
113. 2nd COMPSAC 2010 Workshop on Security Aspects of Process and Services Engineering (SAPSE 2010)
114. ICSOC 2010 Workshop on Performance Assessment and Auditing in Service Computing (PAASC 2010)
115. 2nd Int. Conf. on Resource Intensive Applications and Services (Intensive 2010)
116. 22nd Int. Conf. on Software Engineering and Knowledge Engineering (SEKE 2010)
117. IASTED Int. Conf. on Software Engineering (SE 2010)
118. 32nd Int. Conf. on Software Engineering (ICSE 2010) – Research Demos
119. 4th Int. Conf. on Emerging Security Information, Systems and Technologies (SECUREWARE 2010)
120. 2nd Int. Conf. on Advanced Service Computing (SERVICE COMPUTATION 2010)
121. 2nd Int. Conf. on Advanced Geographic Information Systems, Applications, and Services (GEOProcessing 2010)
122. 1st Int. Workshop on The Role of Business Process Management in Software Engineering - BPM/SE 2010
123. 1st Int. Conf. on Advanced Service Computing (SERVICE COMPUTATION 2009)
124. IEEE Int. Conf. on Cloud Computing 2009 (Cloud-II 2009)

125. 8th Int. Conf. on Service Oriented Computing (ICSOC 2009)
126. 21st Int. Conf. on Software Engineering and Knowledge Engineering (SEKE 2009)
127. 4th Int. Conf. on Software and Data Technologies (ICSOFT 2009)
128. 7th Int. Conf. on Web Services (ICWS 2009)
129. 4th Int. Conf. for Internet Technology and Secured Transactions 2009 (ICITST-2009)
130. The Int. Conf. on Advanced Geographic Information Systems & Web Services (GEOWS 2009)
131. 1st Int. Conf. on Intensive Applications and Services (Intensive 2009)
132. 8th Int. Workshop on the Foundations of Coordination Languages and Software Architectures (FOCLASA '09)
133. 1st IEEE Int. Workshop on Security Aspects of Process and Services Engineering (SAPSE 2009)
134. 5th Int. Workshop on Traceability in Emerging Forms of Software Engineering (TEFSE 2009) in conjunction with the 31st Int. Conf. on Software Engineering (ICSE 2009)
135. Int. Workshop on Principles of Engineering Service Oriented Systems (PESOS '09) in conjunction with the 31st Int. Conf. on Software Engineering (ICSE 2009)
136. 20th Int. Conf. on Software Engineering and Knowledge Engineering (SEKE 2008)
137. 20th IFIP World Computer Congress, Service Science Cross Session (WCC 2008 – SCS)
138. 3rd Int. Conf. on Software and Data Technologies (ICSOFT 2008)
139. 2008 Int. Symposium on Requirements Engineering for Information Security (SREIS 2008)
140. IASTED Int. Conf. on Software Engineering (SE 2008)
141. 12th Pan-Hellenic Conf. in Informatics (PCI 2008)
142. 1st Int. Workshop on Requirements Engineering and Law (RELAW 08) – in conjunction with the 16th IEEE Int. Conf. on Requirements Engineering
143. 2nd Int. Conf. on Ambient Intelligence Developments (AmiD 2007)
144. IBM PhD Student Symposium at 5th Int. Conf. on Service Oriented Computing (ICSOC-PhD Symposium 2007)
145. 4th Int. Conf. on Ubiquitous Intelligence and Computing (UIC-07)
146. 22nd IEEE/ACM Int. Conf. on Automated Software Engineering (ASE 2007)
147. 19th Int. Conf. on Software Engineering and Knowledge Engineering (SEKE 2007)
148. 2nd Int. Conf. on Software and Data Technologies (ICSOFT 2007)
149. 2nd Conf. on Collaborative Working Environments for Business and Industry (CWE '07)
150. 2nd Int. Workshop on Service Oriented Software Engineering (IW-SOSWE '07), Organised in conjunction with ESEC/FSE '07
151. 18th Int. Conf. on Software Engineering and Knowledge Engineering (SEKE 2006)
152. IBM PhD Student Symposium at 4th Int. Conf. on Service Oriented Computing (ICSOC-PhD Symposium 2006)
153. Mentoring Committee member of the IBM PhD Student Symposium at 4th Int. Conf. on Service Oriented Computing (ICSOC-PhD Symposium 2006)
154. IASTED Int. Conf. on Software Engineering (SE 2006)
155. 1st Int. Conf. on Software and Data Technologies (ICSOFT 2006)
156. Int. Conf. on Ambient Intelligence Developments (AmiD 2006), part of the e-Smart 2006
157. Int. Conf. for Internet Technology and Secured Transactions 2006 (ICITST-2006)
158. 2006 Int. Workshop on Service Oriented Software Engineering (IW-SOSE 2006) (in conjunction with the 28th Int. Conf. on Software Engineering)
159. 2nd ECMDA Traceability Workshop (in conjunction with the 2006 European Conf. on Model Driven Architecture - Foundations and Applications)
160. 20th IEEE Int. Conf. on Automated Software Engineering (ASE 2005)

161. 2005 Int. Symposium on Requirements Engineering for Information Security (SREIS 2005)
162. 9th IASTED Int. Conf. on Software Engineering & Applications (SEA 2005)
163. IASTED Int. Conf. on Software Engineering (SE 2005), part of the 23rd Int. multi-conference in Applied Informatics
164. 3rd Int. Workshop on Traceability in Emerging Forms of Software Engineering (TEFSE 2005) in conjunction with ASE 2005
165. 2005 ECMDA Workshop on traceability (the workshop is organised in conjunction with the 2005 European Conference on Model Driven Architecture - Foundations and Applications)
166. IASTED Int. Conf. on Software Engineering (SE 2004), part of the 22nd Int. multi-conference in Applied Informatics
167. Workshop on Intelligent Technologies for Software Engineering (WITSE'04) in conjunction with the 19th IEEE Int. Conf. on Automated Software Engineering
168. Int. Workshop on Intelligent Technologies in Software Engineering in conjunction with the joint European Software Engineering Conference and ACM SIGSOFT Symposium on the Foundations of Software Engineering (ESEC/FSE 2003)
169. 2nd Int. Workshop on Traceability in Emerging Forms of Software Engineering (TEFSE 2003) – in conjunction with ASE 2003)
170. 1st Int. Workshop on Traceability in Emerging Forms of Software Engineering – in conjunction with ASE 2002
171. 2002 IEEE Joint Requirements Engineering Conference (RE 2002)
172. 2nd Int. Workshop on Open Enterprise Solutions: Systems, Experiences and Organisations, OES-SEO 2001
173. 1st Int. Workshop on Enterprise Management and Resource Planning Systems: Methods, Tools and Architectures, Venice, November 1999
174. RESG Conference on European Industrial Requirements Engineering (CEIRE '98), 19-20 October 1998, London, UK
175. 12th IEEE Int. Conf. on Automated Software Engineering (ASE '97), 2-5 November 1997, North Lake Tahoe, California, USA

Other editorial activities and review services

- Editor of the *Requirements Quarterly*, the Newsletter of the Requirements Engineering Specialist Group of the British Computer Society, 1998-1999
- Editor of the technical report series, Department of Computing, City University (2001-2004)
- Reviewer for the following publishers: Springer, World Scientific Publishing, McGraw Hill, Macmillan, and Addison-Wesley

Keynotes, invited lectures and tutorials (excluding presentations of papers at conferences/workshops [32])

1. *Continuous Certification of Cloud Service Security*, Keynote Speech, 8th International Conference on Trust and Trustworthy Computing (TRUST 2015), Greece, 24-26 August 2015
2. *Novel Ways of Certifying Cloud Service Security: The CUMULUS approach*, Invited Presentation at 2014 IEEE International Workshop on Autonomic Cloud Cybersecurity, In conjunction with the 2014 Int. Conf. on Cloud and Autonomic Computing, London, Sep 2014
3. *Incremental, Multi-Layer and Hybrid Certification of Cloud Services: The CUMULUS Vision*, 3rd CIRRUS project Workshop, Vienna, Austria, 18 November 2013
4. *Security Aware Service Discovery and Composition*, Graduate School Seminar, Invited Presentation at NeSSOS EU Network of Excellence, Malaga, Spain, 30 May 2013
5. *Towards Novel Certification Models in Cloud Infrastructures*, Cyber Security & Privacy EU Forum, European Association for e-Identity and Security (EEMA) in Brussels, 18-19 April 2013

6. *Security Aware Service Discovery and Composition*, Graduate School Seminar, Graduate School Seminar, Università degli Studi di Milano, Crema, Italy, February 2013
7. *Ensuring Cyber Security in Cloud Services*, UK Cyber Security: Protecting our National Infrastructure, Event Organised by the UK Cyber Security Forum (Inside Government UK), 28th February 2013, London
8. *Certifying the Security of Software, Platform and Infrastructure of Cloud Services*, Cyber Defence and Network Security 2013, Pre-conference focus day, Defense IQ – a division of IQPC, 28th January 2013, London
9. *Certification of Cloud Services*, 2nd Annual Meeting of IFIP WG on Services-Oriented Systems (WG 2.14/6.12/8.10), Bologna, Italy, September 2012
10. *Security Certificates for Service Oriented Architectures*, Tutorial at Service Oriented Computing Summer School, Crete, June 2011
11. *Monitoring Violations & Threats of Security & Dependability*, Invited Keynote at the 6th Workshop on Multimedia, Distributed and Pervasive Systems, Department of Information Technologies of the Università degli Studi di Milano, Crema, Italy, June 2011
12. *Monitoring Violations & Threats of Security & Dependability: The SERENITY Approach*, Invited Lecture at the 2010 Onassis Foundation Lecture Series in Science, Heraklion, Crete, June 2010
13. *Web Service Trust: An Overview of Research & An Assessment Framework*, Tutorial at the Service and Software Architectures, Infrastructures and Engineering (SSAIE) Summer School, Crete, June 2010
14. *Monitoring Service Level Agreements: Towards Automatically Initiated and Configurable Infrastructures*, Tutorial at The Service and Software Architectures, Infrastructures and Engineering (SSAIE) Summer School, Crete, June 2009
15. *SERENITY & personal experiences from EU projects*, Trustworthy ICT: Collaborative Workshop, Cyber Security Knowledge Transfer Network, London, May 2009
16. *SERENITY: Monitoring Support*, Tutorial, EuroTrustAMI 2008, Sophia Antipolis, France, September 2008
17. *Proactive and Context Aware Seek for Services for Humans*, 2nd Int. Summer School on Service Science, Management and Engineering, Palermo, Italy, 2 – 3 June 2008
18. *Runtime verification and control of mobile P2P systems*, Invited Seminar, Security Research Laboratory, SAP AG, Sophia Antipolis, France, February 2008
19. *Runtime verification and control of mobile P2P systems*, Invited Seminar, Department of Computer Science, Free University of Bolzano, Italy, 22nd November 2007
20. *Weaving Service Discovery into UML-Based Service Centric System Design*, 1st Int. Summer School on Service Science, Management and Engineering, Heraklion, Greece, 30 May – 3 June 2007
21. *Architecture-time Service Discovery*, Workshop on Future service engineering, Organised by Software Technologies (ST) Unit, Directorate D - Network and Communication Technologies, IST, European Commission, Brussels, November 2005
22. *A Framework for Requirements Monitoring in Service-Based Systems*, Department of Informatics, Athens University of Economics and Business, December 2004
23. *A Framework for Requirements Monitoring in Service-Based Systems*, Department of Computer Science, University of Malaga, 25-26 November 2004
24. *Requirements Traceability*, Tutorial, 19th Int. IEEE Conf. on Automated Software Engineering, Linz, Austria, September 2004.
25. *Requirements Traceability*, Tutorial, 2004 IEEE Joint Requirements Engineering Conference, Kyoto, Japan, September 2004.
26. *Plausible Requirements Traceability*, National Technical University of Athens, November 2003
27. *Interoperable Traceability Services*, Seminar, Department of Computer Science and Mathematics, University of Essen, Germany, November 2001

28. *Diagnosis of Inconsistencies in UML Designs*, Seminar, Department of Computer Science, University College London, UK, March 2000
29. *Matching Requirements Specifications*, Seminar, Department of Computer Science and Mathematics, University of Essen, Germany, November 1997
30. *Inconsistency Management*, Seminar, Residential Course on Systems Requirements Engineering, (British) Institute of Electrical Engineers, Cambridge, UK, April 1997
31. *Managing Interference in Software Systems Development*, Colloquium, Department of Computer Science, University of Crete, Greece, 1997
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Memberships of Professional Bodies and Societies

- Member of IEEE
- Founding Member of the IFIP Working Group on Services-Oriented Systems [WG2.14/6.12.8.10]

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Available upon request