

CURRICULUM VITAE

Surname: Vassilakis
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Education

- 1990:** Degree in Informatics from the Department of Informatics, University of Athens, Greece (1990). Dissertation: *An Object-Oriented Design for Hypermedia Databases*.
- 1995:** PhD from the Department of Informatics, University of Athens, Greece (Ph.D. Thesis: *Design and optimised implementation of an historical database management system*) (1995).

Scholarships

I was receiving a grant from the Greek Scholarship Institute during the period 1991-1995.

Academic positions held

- 6/2013-now: Associate Professor in the Department of Informatics and Telecommunications of the University of Peloponnese
- 6/2013-now: Associate Professor in the Department of Computer Science and Technology of the University of Peloponnese
- 9/2005-7/2011: Assistant Professor in the Department of Computer Science and Technology of the University of Peloponnese
- During the academic years 2002-2003 and 2003-2004 and 2004-2005 I was a visiting Associate Professor in the Department of Computer Science and Technology of the University of Peloponnese
- During the academic year 2001-2002 I was a visiting Assistant Professor in the Department of Informatics and Telecommunications of the University of Athens.
- During the academic years 1998-1999, 1999-2000 and 2000-2001 I was a visiting lecturer in the Department of Informatics and Telecommunications of the University of Athens.

Academic positions of responsibility

- Member of the Council of the University of the Peloponnese (November 2012-now)
- Member of the strategic planning committee of the Department of Informatics and Telecommunications, University of the Peloponnese (2014-today)
- Chair of the Postgraduate programme on Computer Science and Technology of the University of the Peloponnese (2009-today)
- Chair of the Information Systems committee of the University of Peloponnese (2010-2012)
- Coordinator of the Networks Operation Center of the University of Peloponnese (2004-2011)

Other positions held

- During the period October 1998-January 2002 I was holding a position of a special advisor to the Secretary General for Information Systems in the Greek Ministry of Finance.
- During the period July 2001-December 2001 I was holding a position of Informatics Consultant in the Onasis Cardiac Surgery Center.
- Member of the Advisory Technical Council of the Greek state (September 2010-September 2012)
- Vice president of the Advisory Technical Council of the Greek state (September 2011-September 2012)

Scientific interests

Information systems, semantic web, systems software, distributed architectures and applications, software engineering, WWW, information management systems, databases and temporal databases, data presentation and visualization, virtual reality, immersive applications.

Publications

Books-Monographies

BM1. «Real time systems», Dimitris Maroulis and Costas Vassilakis, ISBN: 978-960-418-457-6, Tziola Publications, 2015 (<http://www.tziola.gr/el/266-marou.html>) (in greek)

Publications in International Journals

- J1. "Parallel Optimisation of Join Queries Using a Technique of Exhaustive Nature", M. Spiliopoulou, M. Hatzopoulos and C. Vassilakis, in *"Computers and Artificial Intelligence"*, Vol 12, 1993, No. 2, pp. 145-166.
- J2. "A Cost Model for the Estimation of Query Execution Time in a Parallel Environment Supporting Pipeline", M. Spiliopoulou, M. Hatzopoulos and C. Vassilakis, *"Computers and Artificial Intelligence"*, Vol. 14, 1996, No. 1, pp. 341-368.
- J3. "Implementation of Transaction and Concurrency Control Support in a Temporal DBMS", C. Vassilakis, N. Lorentzos and P. Georgiadis, *Information Systems* vol. 23, No 5., pp. 335-350, 1998.
- J4. "An Optimisation Scheme for Coalesce/Valid Time Selection Operator", Costas Vassilakis, *SIGMOD Record*, vol. 29, number 1, March 2000, pp. 38-43.
- J5. "Function Oriented History Representation in Databases", Laszlo Kovacs and C. Vassilakis, *Computers and Artificial Intelligence*, vol. 19, 2000, pp. 417-444.
- J6. "A system to support dissemination of knowledge and sharing of experiences in the working environment", G. Lepouras, C. Vassilakis and G. R. S. Weir, *International Journal of Continuing Engineering Education and Life-Long Learning*, Special Edition: Technological Support for New Educational Perspectives, vol. 13 no. 3/4, 2003, pp. 248-257.
- J7. "A Framework for Managing the Lifecycle of Transactional e-Government Services", C. Vassilakis, G. Laskaridis, G. Lepouras, S. Rouvas, P. Georgiadis, *Telematics and Informatics*, vol. 20/4, pp 315-329, 2003, Elsevier Science Publications Ltd.
- J8. "Integrating e-Government Public Transactional Services in the Public Authority Workflow", Costas Vassilakis, George Lepouras, Stathis Rouvas, Panagiotis Georgiadis, *Electronic Government*, vol. 1 no. 1, 2004.
- J9. "Real exhibitions in a virtual museum", George Lepouras, Akrivi Katifori, Costas Vassilakis, Dimitrios Charitos, *Virtual Reality* (2004) 7: 120–128, Springer-Verlag.
- J10. "A Web Browser for ISDN Card Phones", Dimitris Maroulis, Sotiris Aronis, Vassiliki Nassiopoulou, Nikos Grammenos, Costas Vassilakis, *Journal of Internet Technology*, vol 5, no 3, 2004.
- J11. "Virtual Museums for all: Employing Game Technology for Edutainment", George Lepouras and Costas Vassilakis, *Virtual Reality* Volume 8, Number 2, June 2004, pp. 96-106.
- J12. "Exploiting Form Semantics and Validation Checks to Improve e-Form Layout", Costas Vassilakis, George Lepouras, Stathis Rouvas and Panagiotis Georgiadis, *International Journal of Web Engineering and Technology*, Vol 2 No. 1, (2005), pp. 81-96.
- J13. "An XML model for electronic services", Costas Vassilakis, George Lepouras, Constantin Halatsis and Tomas Pariente Lobo, *Electronic Government*, Vol. 2, No.1 pp. 41 – 55, 2005.
- J14. "A Flexible Framework for Managing Temporal Clinical Trial Data", Michael Souillard, Carine Souveyet, Costas Vassilakis, Anya Sotiropoulou, *International Journal of Electronic Healthcare*, Volume 1, Number 4/2005
- J15. "Barriers To Electronic Service Development", Costas Vassilakis, George Lepouras, John Fraser, Simon Haston, Panagiotis Georgiadis, *e-Service Journal*, Fall 2005, Vol. 4, No. 1, Pages 41-63.
- J16. "Domain Expert User Development: The SmartGov Approach", George Lepouras Costas Vassilakis, Constantin Halatsis, Panagiotis Georgiadis, *Communications of the ACM*, Volume 50 , Issue 9, September 2007.
- J17. "A Knowledge-Based Approach for Developing Multi-Channel e-Government Services", Costas Vassilakis, George Lepouras, Constantin Halatsis, *Journal of Electronic Commerce Research and Applications*, Volume 6, Issue 1 (January 2007).
- J18. "Component reuse in electronic services development", Costas Vassilakis, George Lepouras, *Journal of Computational Methods*, Special Issue in Science and Engineering, Volume 6, Supplement 2 / 2006, pp. 229 - 241.
- J19. "Ontology Visualization Methods – A Survey", Akrivi Katifori, Constantin Halatsis, George Lepouras, Costas Vassilakis, Eugenia Giannopoulou, *ACM Computing Surveys*, . Volume 39, Issue 4 (2007)
- J20. "Virtual reality in the e-Society", G. D. Magoulas, G. Lepouras, C. Vassilakis, *Virtual Reality Journal*, Special issue "Virtual reality in the e-Society" Volume 11, Issue 2 (June 2007).
- J21. "Mobile and Context-Aware e-Commerce: Issues, Challenges and Research Directions", Costas Vassilakis, George Lepouras, Spiros Skiadopoulos, *Journal of Electronic Commerce in Organizations*, Special Issue Editorial Preface, Vol. 6, Issue 1, 2008.
- J22. "An Active Blackboard for Service Discovery, Composition and Execution", George Lepouras, Costas Vassilakis, Anya Sotiropoulou, Dimitrios Theotokis, Akrivi Katifori, *International Journal of Electronic Governance*, 2008 Vol.1, No.3, pp.275 - 295.
- J23. "A Heuristics-Based Approach to Reverse Engineering of Electronic Services", C. Vassilakis, G. Lepouras, A. Katifori, *Information and Software Technology*, Elsevier Press, Volume 51, Issue 2, February 2009, Pages 325–336.
- J24. "An Integrated Environment for Cataloguing and Online Presentation of Museum Exhibits", Costas Vassilakis, Akrivi Katifori, Elias Daradimos and George Lepouras, *DESIDOC Journal of Library and Information Technology*, Vol. 28, No. 4, July 2008, pp. 72-78.
- J25. "Ontologies and the Brain: Using Spreading Activation through Ontologies to Support Personal Interaction", Akrivi Katifori, Costas Vassilakis, Alan Dix, *Cognitive Systems Research*, Special Issue on Brain Informatics, Volume 11, Issue 1, March 2010, Pages 25–41.

- J26. "QoS-aware Exception Resolution for BPEL Processes: A Middleware-based Framework and Performance Evaluation", Christos Karelitis, Costas Vassilakis, Efstathios Rouvas, Panayiotis Georgiadis, International Journal on Web and Grid Services (IJWGS), Volume 5 Issue 3, September 2009.
- J27. "Spreading Activation Over Ontologies: From Personal Context To Web Scale Reasoning", Alan Dix, Akrivi Katifori, Giorgos Lepouras, Costas Vassilakis and Nadeem Shabir. International Journal of Semantic Computing, Special issue on Web Scale Reasoning, Volume: 4, Issue: 1(2010) pp. 59-102, DOI: 10.1142/S1793351X10000973.
- J28. "The Conceptual Model of Context for Mobile Commerce Applications", Benou Poulcheria, Vassilakis Costas, Electronic Commerce Research, Volume 10, Number 2, 139-165, DOI: 10.1007/s10660-010-9050-4, Springer-Verlag.
- J29. "From the Web of Data to a World of Action", Alan Dix, Giorgos Lepouras, Akrivi Katifori, Costas Vassilakis, Tiziana Catarci, Antonella Poggi, Yannis Ioannidis, Miguel Mora, Ilias Daradimos, Nazihah Md.Akim, Shah Rukh Humayoun, Fabio Terella. Journal of Web Semantics, Volume 8, Issue 4, November 2010, Pages 394-408, Elsevier Science Publishers.
- J30. "Improving performance of a wireless multimedia traffic-oriented network through prediction of routing", D. C. Vasiliadis, G. E. Rizos, C. Vassilakis, International Journal on Information Technologies & Security, no 3, 2010
- J31. "Historical research in archives: user methodology and supporting tools", Elena Torou, Akrivi Katifori, Costas Vassilakis, George Lepouras, Constantin Halatsis, International Journal on Digital Libraries, Springer-Verlag, March 2010, Volume 11, Issue 1, pp 25-36.
- J32. "Modelling and performance evaluation of a novel internal priority routing scheme for finite-buffered multistage interconnection networks", D. C. Vasiliadis, G. E. Rizos, C. Vassilakis and E. Glavas, International Journal of Parallel, Emergent and Distributed Systems, Taylor & Francis, iFirst, DOI:10.1080/17445760.2010.539218.
- J33. "Performance Analysis of Dual-Priority Multilayer Multistage Interconnection Networks under Multicast Environment", Dimitris C. Vasiliadis, George E. Rizos, Costas Vassilakis. Journal of Networks, June 2011, Academy publishers.
- J34. "Performance Study of Multi-Layered Multistage Interconnection Networks under Hotspot Traffic Conditions", Dimitris C. Vasiliadis, George E. Rizos, Costas Vassilakis. Journal of Computer Systems, Networks, and Communications, Volume 2010 (2010), doi:10.1155/2010/403056, Hindawi Publishing Corporation.
- J35. "Wikis in enterprise settings: a survey", Lykourantou Ioanna, Dagka Foteini, Papadaki Katerina, Lepouras Giorgos and Vassilakis Costas. Enterprise Information Systems. First published on: 14 June 2011 (iFirst) DOI: 10.1080/17517575.2011.580008, URL: <http://dx.doi.org/10.1080/17517575.2011.580008>.
- J36. "Towards a methodological framework for the cognitive-behavioural evaluation of educational e-games", Angeliki Antoniou, Dimitris Diakakis, George Lepouras and Costas Vassilakis. Int. J. Learning Technology, Vol. 6, No. 3, pp. 263-287.
- J37. "Performance Analysis of Multi-Layered Multi-Priority Asymmetric-Sized Delta Networks", D. C. Vasiliadis, G. E. Rizos, C. Vassilakis. Journal of Computer Networks, and Communications, Volume 2011 (2011), Article ID 723102, doi:10.1155/2011/723102, Hindawi Publishing Corporation.
- J38. "A distributed recommender system architecture", Panagiotis Giannikopoulos and Costas Vassilakis, International Journal of Web Engineering and Technology, Vol. 7, No. 3, 2012, Inderscience Publishers.
- J39. "Class-Based Weighted Fair Queuing Scheduling on Dual-Priority Delta Networks", D. C. Vasiliadis, G. E. Rizos, C. Vassilakis Journal of Computer Networks and Communications, Hindawi Publishing Corporation, Volume 2012 (2012), Article ID 859694, 13 pages, <http://dx.doi.org/10.1155/2012/859694>.
- J40. "Context Management for m-Commerce Applications: Determinants, Methodology and the Role of Marketing", Poulcheria Benou, Costas Vassilakis, Adam Vrechopoulos. Information Technology and Management vol. 13, pp. 91-111, 2012, Springer-Verlag.
- J41. "A context management architecture for m-commerce applications", Poulcheria Benou, Costas Vassilakis, Central European Journal of Computer Science, Versita, co-published with Springer Verlag, June 2012, Volume 2, Issue 2, pp 87-117.
- J42. "Class-Based Weighted Fair Queuing Scheduling on Quad-Priority Delta Networks", D. C. Vasiliadis, G. E. Rizos, C. Vassilakis, International Journal of Parallel, Emergent and Distributed Systems, 27:5, 435-457, 2012, Taylor & Francis.
- J43. "A methodology for the design of online exhibitions", Angeliki Antoniou, George Lepouras and Costas Vassilakis DESIDOC Journal of Library & Information Technology, Vol. 33, No. 3, May 2013, pp. 158-167.
- J44. "Modelling and performance study of finite-buffered blocking Multistage Interconnection Networks supporting natively 2-class priority routing traffic", D. C. Vasiliadis, G. E. Rizos, C. Vassilakis, Journal of Network and Computer Applications, Volume 36, Issue 2, March 2013, Pages 723-737.
- J45. "Performance Tuning of Dual-priority Delta Networks through Queuing Scheduling Disciplines", Dimitris C. Vasiliadis, George E. Rizos, and Costas Vassilakis, Journal of Communications Software and Systems, vol. 9, no. 4, December 2013, pp. 222-235.
- J46. "An integrated framework for adapting WS-BPEL scenario execution using QoS and collaborative filtering techniques", D. Margaritis, C. Vassilakis, P. Georgiadis, Science of Computer Programming 98(2015) 707-734.
- J47. "Effectiveness of visualization for information retrieval through ontologies with entity evolution: the impact of ontology modelling", Akrivi Katifori, Costas Vassilakis, George Lepouras, Elena Torou, International Journal of Information Retrieval Research 5(2), 2015.

Publications in International Conference Proceedings

- C1. "An Object-Oriented Data Model for Hypermedia Systems", M. Hatzopoulos, D. Gouscos, M. Spiliopoulou, C. Vassilakis, M. Vazirgiannis, in Proceedings of the DELTA Conference in Research and Development, pp. 483-493, the Hague, October 1990.
- C2. "Using Parallelism and Pipeline for the Optimisation of Join Queries", M. Spiliopoulou, M. Hatzopoulos and C. Vassilakis, Proceedings of the PARLE Conference, Paris, June 1992.

- C3. "Transaction Support in a Temporal DBMS", C. Vassilakis, N. Lorentzos and P. Georgiadis, "Recent Advances in Temporal Databases" Proceedings of "VLDB International Workshop on Temporal Databases", Zurich, September 1995, pp. 255-271.
- C4. "A Comparative Study of Temporal DBMS Architectures", C. Vassilakis, P. Georgiadis, A. Sotiropoulou, Proceedings of the 7th International Workshop DEXA 96, Zurich, September 1996, pp. 153-164.
- C5. "Temporal Extension to ODMG", A. Sotiropoulou, M. Souillard and C. Vassilakis, Proceedings of the 3rd Biennial World Conference on Integrated Design and Process Technology, Vol. 2, Issues and Applications of Database Technology (IADT), Berlin, Germany, 1998, pp. 304-311.
- C6. "TOOBIS: Application of the Management of Temporal Data in Clinical Research" (στα Γαλλικά), M. Souillard, C. Vassilakis and A. Sotiropoulou, Proceedings of INFORSID '98, pp. 145-168.
- C7. "Implementing Embedded Valid Time Query Languages", C. Vassilakis, P. Georgiadis and T. Selis, proceedings of the DEXA '98 Conference, pp. 561-572.
- C8. "Is Server-Side Processing Killing your WWW Server?", C. Vassilakis and G. Lepouras, poster presentation in "The Active Web '99".
- C9. "Distributed information systems tailorability: A component approach", Dimitrios Theotokis, George-Dimitrios Kapos, Costas Vassilakis, Anya Sotiropoulou και Georgios Gyftodimos, Proceedings of the IEEE Future Trends on Distributed Computing, Cape Town, 1999, pp. 95-101.
- C10. "Multilingual Web Site Construction and Maintenance", George Lepouras and Costas Vassilakis, Proceedings of the SCI 2000 conference, Vol. I, Orlando, Florida, USA, pp. 56-61
- C11. "An approach to designing and implementing virtual museums", D. Charitos, G. Lepouras, C. Vassilakis, V. Katifori and L. Halatsi, proceedings of the VR-SIG 2000 Conference, Glasgow, 2000.
- C12. "Building a VR-Museum in a Museum", G. Lepouras, D. Charitos, C. Vassilakis, A. Charissi and L. Halatsi, proceedings of the Third International Virtual Reality Conference, VRIC2001, Laval, France, May, 2001.
- C13. "Designing a virtual museum within a museum", D. Charitos, G. Lepouras, C. Vassilakis, V. Katifori, A. Charissi, L. Halatsi, Proceedings of the VAST2001 Symposium, November 2001, Athens, Greece.
- C14. "e-Citizens and e-Consumers: Is There a Difference?", G. Laskaridis, C. Vassilakis, G. Lepouras, S. Rouvas, Proceedings of the PCHCI 2001 Workshop: "Transforming Web Surfers to E-Shoppers", Patras, Greece, December 2001, pp. 40-50.
- C15. "Serving Enhanced Hypermedia Information", G. Lepouras, C. Vassilakis, G. R. S. Weir, Proceedings of the ECIR02, 24th BCS-IRSG European Colloquium on IR Research, Lecture Notes in Computer Science 2291, pp. 86-92, Springer-Verlag Berlin Heidelberg 2002, pp. 86-92.
- C16. "SMARTGOV: A Governmental Knowledge-based Platform for Public Sector Online Services", E. Tambouris, G. Boukis, C. Vassilakis, G. Lepouras, S. Rouvas, R. Cañadas, S. Heredia, J. C. López Usero, Proceedings of the KMGov2002, Copenhagen, Denmark, May 2002, pp. 173-185.
- C17. "Controlled caching of dynamic WWW pages", C. Vassilakis and G. Lepouras, Proceedings of the DEXA 2002 conference, pp. 9-18.
- C18. "Transactional e-Government Services: an Integrated Approach", C. Vassilakis, G. Laskaridis, G. Lepouras, S. Rouvas, P. Georgiadis, Proceedings of the 1st International Conference on Electronic Government – EGOV 2002, pp. 276-279.
- C19. "A Governmental Knowledge-based Platform for Public Sector Online Services", P. Georgiadis, G. Lepouras, C. Vassilakis, G. Boukis, T. Tambouris, S. Gorilas, E. Davenport, A. Macintosh, J. Fraser and D. Lochhead, Proceedings of the 1st International Conference on Electronic Government – EGOV 2002, pp. 362-369.
- C20. "An Object-Oriented Approach for Designing Administrative e-Forms and Transactional e-Services", D. Gouscos, S. Rouvas, C. Vassilakis and P. Georgiadis, Proceedings of the OOIS 2002 conference, pp. 19-30.
- C21. "Facilitating VR Museums Web Presence", George Lepouras, Akrivi Katifori, Costas Vassilakis, Anna Charissi, Proceedings of HCI 2003, vol. 4, pp. 1143-1147.
- C22. "Improving e-form layout through analysis of form semantics and validation checks", Costas Vassilakis, George Lepouras, Stathis Rouvas, Panagiotis Georgiadis, Proceedings of the CAiSE 2003 Forum, pp. 149-152
- C23. "E-forms services for the Public Sector: Shifting Development Effort from Programmers to Domain Experts", Stelios Gorilas, Kostas Vassilakis, Tomás Pariente Lobo, Efthimios Tabouris, Proceedings of e-Challenges 2003
- C24. "Tailorability in the context of E-government Information Systems: An approach", George Lepouras, Anya Sotiropoulou, Dimitrios Theotokis, Costas Vassilakis, Proceedings of the IRMA 2004 conference.
- C25. "Content enrichment through dynamic annotation", George Weir, George Lepouras, Costas Vassilakis, Proceedings of the 6th International Conference on Enterprise Information Systems.
- C26. "Reusability in Electronic Services Development", Costas Vassilakis, George Lepouras, Proceedings of the CSITeA-04 conference, December 27-29, Cairo, Egypt, 2004.
- C27. "A Blackboard-oriented Architecture for e-Government service composition", Costas Vassilakis, Anya Sotiropoulou, Dimitrios Theotokis, Dimitris Gouscos, Proceedings of the IRMA 2005 conference.
- C28. "An Active Ontology-based Blackboard Architecture for Web Service Interoperability", George Lepouras, Costas Vassilakis, Anya Sotiropoulou, Dimitrios Theotokis, Akrivi Katifori, Proceedings of the Second IEEE Conference on Service Systems and Service Management. June 2005 Page(s): 573 - 578 Vol. 1
- C29. "A Semantics-Based Consultations Workbench", Costas Vassilakis, Dimitris Gouscos, Panagiotis Georgiadis, Proceedings of the IEEE ITI 3rd International Conference on Information and Communication Technology (ICICT 2005).
- C30. "Visualizing a Temporally – Enhanced Ontology", Katifori Akrivi, Vassilakis Costas, Lepouras Georgios, Daradimos Ilias, Halatsis Constantin, Proceedings of the ACM Advanced Visual Interfaces 06 Conference (AVI 06).
- C31. "A Comparative Study of Four Ontology Visualization Techniques in Protégé: Experiment Setup and Preliminary Results", Akrivi Katifori, Elena Torou, Constantin Halatsis, Costas Vassilakis, and Lepouras Georgios, Proceedings of the 10th International Conference on Information Visualisation (IV06).

- C32. "A Context-Based Adaptive Visualization Environment", Maria Golemati, Constantin Halatsis, Costas Vassilakis, Akrivi Katifori, Georgios Lepouras, Proceedings of the 10th International Conference on Information Visualisation (IV06).
- C33. "Web Service Execution Streamlining", Costas Vassilakis, George Lepouras, Akrivi Katifori, Proceedings of the Third IEEE Conference on Service Systems and Service Management - ICSSSM 06.
- C34. "Towards Dynamic, Relevance-Driven Exception Resolution in Composite Web Services", Kareliotis Christos, Vassilakis Costas, Georgiadis Panagiotis, Proceedings of OOPSLA 2006, Track on SOA & Web Services Best Practices
- C35. "Performance Analysis of Multistage Interconnection Networks determining optimal parameters for data-intensive business applications", D.C. Vasiliadis, G.E. Rizos, and C. Vassilakis, Proceedings of the 7th IBIMA Conference, 2006.
- C36. "Reverse-engineering electronic services", Costas Vassilakis, George Lepouras, Akrivi Katifori, Proceedings of the 1st International Conference on Software and Data Technologies (ICSOFT 2006).
- C37. "Creating an Historical Archive Ontology: Guidelines and Evaluation", Torou Elena, Katifori Akrivi, Vassilakis Costas, Lepouras Georgios, Halatsis Constantin, Proceedings of the IEEE 1st International Conference on Digital Information Management (ICDIM 2006).
- C38. "Performance analysis of blocking banyan switches", D.C. Vasiliadis, G.E. Rizos, and C. Vassilakis, of the IEEE sponsored International Joint Conference on Computer, Information and System Sciences and Engineering – CIS²E 06.
- C39. "Towards a P2P world: peered taxation", M. Kalikakis, D. Gouscos, K. Vassilakis, P. Georgiadis, Proceedings of the 2nd International Workshop "E-taxation: State & Perspectives", 2007.
- C40. "Historical Archive Ontologies – Requirements, Modeling and Visualization", Katifori Akrivi, Torou Elena, Vassilakis Costas, Lepouras Georgios, Halatsis Constantin, Daradimos Elias, Proceedings of the First IEEE International Conference on Research Challenges in Information Science (RCIS), Morocco 2007.
- C41. "Creating an Ontology for the User Profile: Method and Applications", Maria Golemati, Akrivi Katifori, Costas Vassilakis, George Lepouras, Constantin Halatsis, Proceedings of the First IEEE International Conference on Research Challenges in Information Science (RCIS), Morocco 2007.
- C42. "Performance Analysis of dual priority single-buffered blocking Multistage Interconnection Networks", D. C. Vasiliadis , G. E. Rizos , C. Vassilakis, Proceedings of ICNS 07, IEEE press.
- C43. "Evaluating the Significance of the Windows Explorer Visualization in Personal Information Management Browsing tasks", Maria Golemati, Akrivi Katifori, Eugenia G. Giannopoulou, Ilias Daradimos, Costas Vassilakis, Proceedings of Information Visualization 07, IEEE press.
- C44. "Enhancing BPEL scenarios with Dynamic Relevance-Based Exception Handling", Chris Kareliotis, Costas Vassilakis, Panayiotis Georgiadis, *Proceedings of the IEEE 2007 International Conference on Web Services (ICWS)*
- C45. "An Approach for re-engineering the Taxation Process to Support Participatory Decisions on Tax Budget Allocation", Manolis Kalikakis, Dimitris Gouscos, Costas Vassilakis, Panagiotis Georgiadis, *Proceedings of the 1st International Conference on Methodologies, Technologies and Tools enabling e-Government, 2007*. Also appearing in "Participatory Budgeting: Concepts and Country Experiences", Jayshree Bose (ed) Icfai University Press, Hyderabad, India, 2008, ISBN 978-81-314-1559-7, pp. 48-63
- C46. "Performance Analysis of two-priority network schema for single-buffered delta networks", D. C. Vasiliadis, G. E. Rizos, C. Vassilakis, E. Glavas, Proceedings of The 18th Annual IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC'07)
- C47. "The role of priority mechanisms on performance metrics of double-buffered Switching Elements", D. C. Vasiliadis, G. E. Rizos, C. Vassilakis, Proceedings of ICCMSE 2007.
- C48. "Performance Evaluation of Distance Vector Routing Protocol on a Wireless Circular Model", D. C. Vasiliadis, G. E. Rizos, C. Vassilakis, Proceedings of the IEEE sponsored International Joint Conference CISSE 2007.
- C49. "Personal Ontology Creation and Visualization for a Personal Interaction Management System" Akrivi Katifori, Costas Vassilakis, Ilias Daradimos, George Lepouras, Yannis Ioannidis, Alan Dix, Antonella Poggi, Tiziana Catarci. Proceedings of PIM, ACM CHI 2008
- C50. "Using Spreading Activation through Ontologies to Support Personal Information Management" Akrivi Katifori, Costas Vassilakis, Alan Dix. Proceedings of CSKGOI, within ACM IUI 2008.
- C51. "Improving Performance of Finite-buffered Blocking Delta Networks with 2-class Priority Routing through Asymmetric-sized Buffer Queues", D. C. Vasiliadis, G. E. Rizos, C. Vassilakis, Proceedings of the Fourth Advanced International Conference on Telecommunications AICT 2008, IEEE Press.
- C52. "Selected Results of a Comparative Study of Four Ontology Visualization Methods for Information Retrieval tasks", Akrivi Katifori, Elena Torou, Costas Vassilakis, Georgios Lepouras, Constantin Halatsis, Proceedings of IEEE RCIS 2008.
- C53. "WhereRU: GPS position reporting and a personal ontology as a virtual community utility", I. Daradimos, A. Katifori, C. Vassilakis, Proceedings of IEEE RCIS 2008.
- C54. "An Interview-Based User Study on the use of Visualizations for Folder Browsing", Maria Golemati, Akrivi Katifori, Eugenia G. Giannopoulou, Ilias Daradimos, Costas Vassilakis, George Lepouras, Constantin Halatsis Proceedings of IV 08
- C55. "Supporting Research in Historical Archives: Historical Information Visualization and Modeling Requirements", Akrivi Katifori, Elena Torou, Costas Vassilakis, Constantin Halatsis Proceedings of IV 08
- C56. "Routing and Performance Analysis of Double-Buffered Omega Networks Supporting Multi-Class Priority Traffic", D. C. Vasiliadis, G. E. Rizos, C. Vassilakis, E. Glavas, *Proceedings of ICSNC 2008*, IEEE press
- C57. "A Game-Engine Based Virtual Museum Authoring and Presentation System", Victor Mateevitsi, Michael Sfakianos, George Lepouras, Costas Vassilakis, *Proceedings of ACM DIMEA 2008*

- C58. "Exception Resolution for BPEL Processes: a Middleware-based Framework and Performance Evaluation", Christos Kareliotis, Costas Vassilakis, Efstathios Rouvas and Panayiotis Georgiadis, Proceedings of the ACM SIGWEB-sponsored tenth International Conference on Information Integration and Web-based Applications & Services (iiWAS2008).
- C59. "Ontologies as Tools for Historians", Akrivi Katifori, Costas Vassilakis, poster presentation in the International Symposium on "Information & communication technologies in cultural heritage", Ioannina, Greece, October 16-18, 2008
- C60. "A Drupal CMS Module for Managing Museum Collections", Daradimos Ilias, Costas Vassilakis Akrivi Katifori, poster presentation in the International Symposium on "Information & communication technologies in cultural heritage", Ioannina, Greece, October 16-18, 2008
- C61. "Evaluation study of a wireless multimedia traffic-oriented network model", D. C. Vasiliadis, G. E. Rizos, C. Vassilakis, AIP conference proceedings 1060 (procs. of IECCS 2007), pp. 379-384, 2008
- C62. "Performance Evaluation of Multicast Routing over Multilayer Multistage Interconnection Networks", D. C. Vasiliadis, G. E. Rizos, C. Vassilakis, E. Glavas, Proceedings of the Fifth Advanced International Conference on Telecommunications (AICT 2009), IEEE Press.
- C63. "Routing and Performance Evaluation of Dual Priority Delta Networks under Hotspot Environment", D. C. Vasiliadis, G. E. Rizos, C. Vassilakis, Proceedings of Conference on Advances in Future Internet» (AFIN 2009), IEEE Press.
- C64. "QoS-Driven Adaptation of BPEL Scenario Execution", Kareliotis Christos, Costas Vassilakis, Efstathios Rouvas, Panayiotis Georgiadis, Proceedings of IEEE International Conference on Web Services, 2009.
- C65. "A framework for adaptation in secure web services", Costas Vassilakis, Chris Kareliotis, Proceedings of MCIS 2009.
- C66. "Visualizing Hierarchies: Evaluating the Efficiency and Cognitive Effects of Six Visualization Techniques for Browsing and Management Tasks", Golemati, Marianthi, Vassilakis, Costas, Katifori, Akrivi, Lepouras, George, Halatsis, Constantin, Poster presentation in IV 09.
- C67. "Capturing the historical research methodology: an experimental approach", Torou Elena, Katifori Akrivi, Vassilakis Costas, Lepouras Georgios, Halatsis Constantin. Proceedings of International Conference of Education, Research and Innovation (ICERI 2009), Madrid, November 16-18, 2009.
- C68. "Spreading Activation for Web Scale Reasoning: Promise and Problems", Nazihah Md. Akim, Alan Dix, Akrivi Katifori, Giorgos Lepouras, Nadeem Shabir, Costas Vassilakis ACM WebSci 11, poster presentation
- C69. "A Software Architecture for Provision of Context-Aware Web-based m-Commerce Applications", Benou Poulcheria and Vassilakis Costas, Proceedings of the 11th IEEE International Conference on Computer and Information Technology (CIT 2011), 31 August - 2 September 2011 Paphos, Cyprus.
- C70. "Supporting User Roles in Ontology Fuzzification", Manolis Wallace, Panos Alexopoulos, Ioannis Papafragkos and Costas Vassilakis, Proceedings of the 6th International Workshop on Semantic media adaptation and personalization, December 1-2, 2011 Vigo (Spain), IEEE press.
- C71. "OntoFM: A Personal Ontology-based File Manager for the Desktop", Rompa, J., Lepouras, G., Vassilakis C., and Tryfonopoulos, C., Demo at the 10th International Web Conference, 2011, Bonn, Germany.
- C72. "An integrated framework for QoS-based adaptation and exception resolution in WS-BPEL scenarios", Margaris, D., Vassilakis C., and Georgiadis, P., proceedings of the ACM Symposium on Applied Computing, SOAP track, 2013.
- C73. "Adapting WS-BPEL scenario execution using collaborative filtering techniques", Margaris, D., Georgiadis, P. and Vassilakis C., proceedings of the IEEE RCIS Conference, 2013.
- C74. "Improving museum visitors' Quality of Experience through intelligent recommendations: A visiting style-based approach". Ioanna Lykourantzou, Xavier Claude, Yannick Naudet, Eric Tobias, Angeliki Antoniou, George Lepouras and Costas Vasilakis, Proceedings of MASIE 2013 Workshop, co-located with the 9th International Conference on Intelligent Environments IE'13.
- C75. "User Profiling: Towards a Facebook Game that Reveals Cognitive Style". Angeliki Antoniou, Ioanna Lykourantzou, Jenny Rompa, Eric Tobias, George Lepouras, Costas Vassilakis, Yannick Naudet. Proceedings of the GALA 2013 conference, Paris, October 2013.
- C76. "Mindmap-Inspired Semantic Personal Information Management", Jenny Rompa, Christos Tryfonopoulos, Costas Vassilakis, George Lepouras, EDBT 2014 Demonstrations Track, Athens, Greece.
- C77. "Towards a Learning Analytics Platform for Supporting the Educational Process", George Lepouras, Akrivi Katifori, Costas Vassilakis, Angeliki Antoniou, Nikos Platis, Proceedings of the 5th Conference on Information, Intelligence, Systems & Application (IISA2014).
- C78. "Visualization method effectiveness in ontology-based information retrieval tasks involving entity evolution", Akrivi Katifori, Costas Vassilakis, George Lepouras, Elena Torou, Constantin Halatsis Proceedings of SMAP 2014.
- C79. "A Hybrid Framework for WS-BPEL Scenario Execution Adaptation, Using Monitoring and Feedback Data", Dionisis Margaris, Costas Vassilakis, Panagiotis Georgiadis, Proceedings of the ACM Symposium on Applied Computing, SOAP track, 2015.
- C80. "A Collaborative Filtering Algorithm with Clustering for Personalized Web Service Selection in Business Processes", Dionisis Margaris, Panagiotis Georgiadis, Costas Vassilakis. Proceedings of the IEEE RCIS Conference, 2015.
- C81. "On Replacement Service Selection in WS-BPEL Scenario Adaptation", Dionisis Margaris, Panagiotis Georgiadis, Costas Vassilakis. Proceedings of the 8th IEEE International Conference on Service Oriented Computing & Applications, 2015.

Chapters in Books and Encyclopedias

- BC1. "Adaptive Virtual Reality Museums on the Web" George Lepouras and Costas Vassilakis, Book chapter in "Adaptable and Adaptive Hypermedia Systems" Sherry Y. Chen and George Magoulas (eds), IRM Press, 2005. Also appearing in "End-User Computing: Concepts, Methodologies, Tools, and Applications", Steve Clark (ed), Information Science Reference, Hershey PA 17033, 2008, pp. 731-744.
- BC2. "Ontology For E-Government Public Services", Costas Vassilakis and George Lepouras. Encyclopedia of E-Commerce, E-Government and Mobile Commerce, Idea Group Inc, 2006.

- BC3. "Tailorable E-Government Information Systems", George Lepouras, Anya Sotiropoulou, Dimitrios Theotokis, Costas Vassilakis. Encyclopedia of E-Commerce, E-Government and Mobile Commerce, Idea Group Inc, 2006.
- BC4. "Adaptive Virtual Reality Shopping Malls", George Lepouras, Costas Vassilakis, Encyclopedia of E-Commerce, E-Government and Mobile Commerce, Idea Group Inc, 2006. Also in "Electronic Commerce: Concepts, Methodologies, Tools, and Applications", S. Ann Baker (ed), Information Science Reference (an imprint of IGI Global), Hershey PA 17033, 2008.
- BC5. "The Lifecycle of Transactional Services", Costas Vassilakis, George Lepouras, Encyclopedia of Digital Government, Idea Group Inc.
- BC6. "Reusability in Governmental Electronic Services", George Lepouras, Costas Vassilakis, Encyclopedia of Digital Government, Idea Group Inc. Also appearing in Electronic Government: Concepts, Methodologies, Tools, and Applications, Ari-Veikko Anttiroiko (ed), Information Science Reference (an imprint of IGI Global), Hershey PA 17033, 2008.
- BC7. "Exploiting Context In Mobile Applications", R. Benou, C. Vassilakis, Encyclopedia of Information Science and Technology, Second edition.
- BC8. "Context and Adaptivity-Driven Visualization Method Selection", Maria Golemati, Costas Vassilakis, Akrivi Katifori, George Lepouras, Constantin Halatsis, Chapter in "Intelligent User Interfaces: Adaptation and Personalization Systems and Technologies", 2008.

Publications in Greek Conferences

- GRC1. A Methodology for the Implementation of Software for the Design of Distributed Systems, C. Vassilakis, P. Georgiadis, D. Lelis, D. Mouzakis and M. Nikolaidou, Hellenic Informatics Conference, Patra 1993 (in Greek), pp. 673-686.
- GRC2. "Comparative Study of Protocols of the Transport Layer for Multimedia Applications", P. Kassapidis, C. Vassilakis, M. Nikolaidou, P. Georgiadis, Gr. Votsis and N. Pronios, Hellenic Informatics Conference, Patra 1993 (in Greek), pp. 105-118.
- GRC3. "An Enhanced System for File Access in a Distributed UNIX Environment", C. Boukouvalas, P. Georgiadis and C. Vassilakis, Hellenic Informatics Conference, Patra 1993 (in Greek), pp. 525-534.
- GRC4. "A mobile-enabled platform for presenting and disseminating cultural heritage information enhanced with augmented reality", K. Masselos, C. Vassilakis, G. Lepouras, C. Trifonopoulos, N. Tselikas, N. Platis, 1st Panhellenic Conference on Cultural Heritage Digitization, 2015.

Presentations in international conferences

- "ORES: Design and Implementation of a Temporal RDBMS", C. Vassilakis, N. Lorentzos, P. Georgiadis and I. Mitsopoulos. International Seminar on Temporal Databases, Dagstuhl, Germany, 22-27/6/1997.
- The results of the TOOBIS project were presented in the OOIS 98 (5th International Conference On Object-Oriented Information Systems) by Mr. Zissis Palaskas, Mr. Yann Pollet and Ms. Sophie Gamerman.

Study notes for academic courses and teaching supplements

- «The C language», C. Vassilakis and G. Lepouras, study notes for academic class on Introduction to Programming
- «The UNIX operating system», C. Vassilakis, A. Sotiropoulou, A. Kaloxylos, D. Gouscos, M. Nikolaidou, study notes for academic class on Operating System
- «Computer Systems Protection and Security», C. Vassilakis, study notes for academic class on Computer Systems Protection and Security

Other Authoring Activities

- Member of the translation team for the book "Modern Operating Systems" (A. S. Tanenbaum).
- Author of the book "PC-Programming Techniques", Anubis Publications, 1994 (ISBN: 960-306-088-7).
- Co-author of the book "The Internet ABC", Diavlos Publications, 1996, (ISBN: 960-531-002-3).
- Translation redaction for the second volume of the book "Fundamentals of Database Systems", Diavlos Publications.

R&D projects participated in

- 1989 – 1991:** **S.A.F.E.** (Standard Authoring Facilities Environment) of EEC (DELTA). The objective of this project was the formulation of proposals for hypermedia application authoring environments.
- 1990:** **Office automation of OTE** (National Telecommunications Organization). The objective of this project was to automate the procedures of the organisation, using computers.
- 1991:** **P.C.A.** (Parallel Computing Action) of EU (ESPRIT II). The objective of this project was to exploit parallelism in the process of query optimisation and execution in relational databases.
- 1991:** **SPAN** (ESPRIT II), during which parallel algorithms for signal processing had been developed (1991).
- 1992-1994:** **ORES** of EU (ESPRIT III). In this project a temporal database management system was designed and implemented.
- 1995-1996:** **EDPP** (National Network of Environmental Informatics) of the Ministry of Environment. In this project the upgrade of the National Environmental Network was designed (1995-1996).

- 1995-1997:** [Pharmatel](#) of EPET II (national project). The objective of this project is the experimental application of the Unit Dose system for drug administration in the Children's hospital Ag. Sophia (1995-1997).
- 1995-1998:** [TOOBIS](#) of ESPRIT IV, as technical director for the University of Athens. In this project a temporal extension for the object oriented declaration and query language of ODMG is under design. These extensions have been implemented on top of the O₂ system (1995-1998).
- 1995-1997:** **Computer Infrastructure for Education and Research using Multimedia Technology** of EU. This project aims to the development of infrastructures (ATM, Video on Demand, Video Servers) that will support educational and research activities (1995-1997).
- 1997:** Formulation of the proposal for the **ENTAXIS** project. (National project of the Ministry of Economics). This project aims to the integration of state-of-the-art Informatics technologies, such as data warehousing and data mining, so as to support specific areas of the Ministry of Economics (1997).
- 1999:** [Distance Learning Project](#). The project aims at formulating a distance learning course programme, which will meet the needs of post- and under-graduate students of various science fields, offering them the necessary knowledge and skills in the fields of economy, business administration and usage of new technologies (1999).
- 2000-2001:** «Human networks» project of the General Secretariat for Research and Technology. This project aimed at promoting the widespread of technologies to interested parties, through organising workshops, awareness events, seminars, disseminating information through the web, etc.
- 1999-2001:** [Virtual museums](#). The purpose of the 'Virtual Museums' project is to create a virtual environment where visitors of the participating museums will be able view their exhibits either through Internet or locally. This environment will fulfill research, cultural and educational purposes. Users may therefore be researchers, as well as students or in general, people that are interested in the exhibits of each of the participating museums. All of the user categories will have easy access to the museums without the need of their being physically present. Additionally, the project aims to create the software tools necessary for the museums' supervisors to add and/or remove exhibits from the virtual environment according to their needs.
- 2002-2004:** [“SmartGov”](#) project of the IST framework. The SmartGov project aims at developing a knowledge-based platform which will allow domain experts to develop on-line services for citizens and enterprises, without the decisive involvement of IT staff. The project has been awarded the honorary title of “Project of the Month”.
- 2002:** “CB-Business” project of the IST framework. This project aims at the creation of an intermediation scheme, which will integrate services offered by the government, public authorities at national and local level, as well as commercial and industrial chambers of various countries, in the context of cross-border processes.
- 2003:** “eGov” project of the IST framework (An Integrating Platform for Realising Online One-Stop Government - <http://www.egov-project.org>). The project implemented an open, extensible and scalable platform for realising online one-stop government. This platform was deployed and evaluated in three European countries, namely Austria, Greece and Switzerland.
- 2003-2009:** “Intelligent management of historical archives”. This project is funded by the Greek General Secretariat for Research and Technology and aims to develop methodologies and tools for the management (digitisation, storage, querying and visualisation) of the information within existing historical archives. The methods will be applied to the University of Athens' historical archive, which includes manuscripts that span a period of 150 years. (<http://oceanis.mm.di.uoa.gr/pened/>)
- 2004:** e-Forms. Development project of the Greek Ministry of Interior, in the context of which the SmartGov platform was used for developing electronic services for the Greek public administration.
- 2004:** OntoGov - Ontology-enabled e-Gov Service Configuration, of the IST framework. The project aims to develop and validate a platform that will facilitate the consistent composition, reconfiguration and evolution of e-government services.
- 2005-2007:** “Digitization of the University of Athens History Museum». An “Information Society” project aiming to digitize material from the University of Athens History Museum and the creation of an integrated environment for managing and presenting the digitized information (<http://www.history-museum.uoa.gr>).
- 2006-2007:** Introduction and exploitation of new technologies in education. This project aimed to develop new technologies in the University of Peloponnese for the use of the academic community
- 2006-2008:** [Digitization of the Athens University Anthropology Museum](#). This project aimed to digitize, organize in a database and disseminate through the internet the exhibits of the Athens University Anthropology Museum
- 2006-2008:** [Digitization of the Athens University Criminology Museum](#). This project aimed to digitize, organize in a database and disseminate through the internet the exhibits of the Athens University Criminology Museum

- 2007:** Broadband services for the municipality of Leonidio. Greece. Study of broadband services usage, aiming to bring out chances and record methods for promoting the goals of the Municipality of Leonidio, through broadband services.
- 2008-2009:** [Unified web site for the history of the University of Athens](#). This project aimed to organize exhibits from the Athens University History Museum and the Athens University Historical archive through an ontology, allowing the user to traverse semantic paths between exhibits to explore the history of the University.
- 2011-2014:** Development of the DASTA information system for the University of the Peloponnese (DASTA is a facility comprising the career office, the company internship programme and the innovation and entrepreneurship unit). Coordinator of the development team.
- 2012:** Development of a road map for upgrading the operation of the Administrative services of the University of Peloponnese. This project aimed to study the existing situation and to catalogue the axes that should be taken into account and the steps to be taken for upgrading the Administrative Services of the University of Peloponnese and making their operation more efficient.
- 2012-2013:** [Experimedia Blue](#). The goal of Experimedia Blue is to deliver personalized information within cultural installations (e.g. museums).
- 2013-2015:** Quality assurance information system for the University of the Peloponnese, The goal of this project is the shaping, installation and operation of the information system for supporting the Quality Assurance Unit of the University of the Peloponnese.
- 2013-2015:** Innovative web/mobile GIS/LBS e-Services with Augmented Reality features for the tourism sector. The goal of this project was to design and develop innovative e-services for the tourism sector, exploiting the technologies of GIS, LBS and augmented reality.
- 2016-2019:** CrossCult: Empowering reuse of digital cultural heritage in context-aware crosscuts of European history. The programme proposal has successfully concluded the evaluation phase (ranked 1st among 135 proposals) and will kick-off on March 2016.

Other projects

- 2008:** Coordinator of the e-Parents project for the University of the Peloponnese

Reports and project deliverables

- **Office automation for OTE.: 1st 6-month Progress Report**, Program for Office Automation of O.T.E., G. Filokyrou, C. Halatsis, M. Hatzopoulos, P. Georgiadis, C. Metaxas, V. Benetos, A. Tsalgatidou, C. Vassilakis, D. Gouscos, S. Bolis, N. Panagiotakis, C. Sagonas, A. Filokyproy, Athens, October 1990.
- **The SAFE Project: Final Report on Hypermedia Databases**, DELTA Project P7061 (D1014, code: SAFE/HYP20/UOA/final_rep_on_hyp_db), M. Hatzopoulos, C. Dimopoulou, D. Gouscos, M. Spiliopoulou, C. Vassilakis and M. Vazirgiannis, November 1990.
- **Parallel Signal Processing Algorithms and their Implementation on Parsytec**, A. Aggelidis, I. Bouras, P. Garidis, G. Glentis, D. Gouscos, N. Kalouptsidis, A. Pavlidis and C. Vassilakis, Report for project SPAN, February 1992.
- **Final Report on the Parallel Computing Action**, Esprit II Project 4061 - P.C.A., M. Hatzopoulos, M. Spiliopoulou, C. Vassilakis, G. Papadopoulos. E. Mavroudi, and I. Doulamis, January 1992.
- **Implementation of Valid Time Relational Algebra**, 01 Pliroforiki, Information Dynamics, Agricultural University of Athens and University of Athens, Report C4 of ORES project, October 1993.
- **Specification of Valid Time SQL**, 01 Pliroforiki, Agricultural University of Athens and University of Athens, Report D2 of ORES project, October 1993.
- **Implementation of Valid Time SQL**, 01 Pliroforiki, University of Athens Agricultural University of Athens and Information Dynamics, Report D4.1 of ORES project, April 1994.
- **User Manual for the CPH Application**, University of Athens, Report D4.2 of ORES project, April 1994.
- **System's User Requirements Analysis**, Farmetrika S.A., Intracom S.A., Jurda Hellas, National Technical University of Athens, University of Athens, Children's Hospital Agia Sophia, for PHARMATEL project, December 1995.
- "ORES: Design and Implementation of a Temporal RDBMS", C. Vassilakis, N. Lorentzos, P. Georgiadis and I. Mitsopoulos, 1996.
- **User Interface and Application's Task Design**, Farmetrika S.A., National Technical University of Athens, University of Athens, Jurda Hellas for PHARMATEL project, May 1996..
- **TODL & TOQL Specifications (early release)**, Early versions of reports T32TR.1 and T33TR.1 of TOOBIS project, University of Athens, 01 Pliroforiki and O₂ Technology, May 1996.
- **Technical Specifications for Call for Tenders for the National Environmental Informatics Network**, June 1996.
- **Technical Evaluation of the Integrated Information System Strategic Planning Study for OEK**, November 1996.

- **Specification and Design of TODL**, Report T32TR.1, of TOOBIS project, University of Athens, 01 Pliroforiki, O₂ Technology, National Technical University of Athens, November 1996.
- **Specification and Design of TOQL**, Report T33TR.1, of TOOBIS project, University of Athens, 01 Pliroforiki, O₂ Technology, National Technical University of Athens, November 1996.
- **Benchmarks for Temporal Databases**. Functionality benchmark for the TOQL language, University of Athens, July 1997.
- **TODL Manual (draft version)**. Early version of report T34TR.1 of TOOBIS project, University of Athens, 01 Pliroforiki and O₂ Technology, September 1997.
- **TOQL Manual (draft version)**. Early version of report T35TR.1 of TOOBIS project, University of Athens, 01 Pliroforiki and O₂ Technology, September 1997.
- **TODL Implementation (draft version)**. TOOBIS project deliverable, A. Sotiropoulou and C. Vassilakis, September 1997.
- **TOQL Implementation (draft version)**. TOOBIS project deliverable, C. Vassilakis, A. Sotiropoulou and P. Vassiliades, September 1997.
- **Benchmarks for Temporal Databases**, Functionality benchmark for the TOQL language, C. Vassilakis and A. Sotiropoulou, February 1998 (updated version)
- **TODL and Metadata Manual**. TOOBIS project report T35TR.2, University of Athens, 01 Pliroforiki, O₂ Technology, March 1998.
- **TOQL Manual**. TOOBIS project report T36TR.2, University of Athens, 01 Pliroforiki, O₂ Technology, March 1998.
- **C++ Binding Manual**. TOOBIS project report T36TR.2, University of Athens, 01 Pliroforiki, O₂ Technology, March 1998.
- **Final report**, TOOBIS project Deliverable, June 1999.
- **Mapping TOQL to Temporal Extensions of ODMG Object Model**, Technical report, C. Vassilakis and A. Sotiropoulou, July 1999.
- **Technical report on Museums Analysis Requirements**, Virtual Museums project report, January 2000.
- **Technical report on Analysis and Design of the System under Development**, Virtual Museums project report, June 2000.
- **Technical report on System Implementation**, Virtual Museums project report, September 2000.
- **Technical Report on Evaluation and Project Dissemination Activities**, Virtual Museums project report, September 2001.
- **State-of-the-Art and Current Situation at Public Authorities**, Deliverable D3.1 of the SmartGov, Project August 2002.
- **User Requirements, Services and Platform Specifications**, Deliverable D4.1 of the SmartGov Project, October 2002.
- **Dissemination and Use Plan**, Deliverable D2.1 of the SmartGov Project, November 2002.
- **Low-level Specifications of SmartGov Services and Applications and the Knowledge-Based Core Platform**, Deliverable D51-61 of the SmartGov Project, February 2003.
- **Implementation of SmartGov Services and Applications**, Deliverable D62 of the SmartGov Project, August 2003.
- **Implementation of SmartGov Knowledge Base Core Platform**, Deliverable D52 of the SmartGov Project, September 2003.
- **Trials configuration and evaluation process**, Deliverable D81 of the SmartGov Project, accessible at <http://www.smartgov-project.org/index.php?category=results>
- **User's guide**, Deliverable D82 the SmartGov Project, accessible at <http://www.smartgov-project.org/index.php?category=results>
- **Evaluation of project results**, Deliverable D91 the SmartGov Project, accessible at <http://www.smartgov-project.org/index.php?category=results>
- **Final Project Report**, Deliverable D13 the SmartGov Project, accessible at <http://www.smartgov-project.org/index.php?category=results>
- **SmartGov Illustrated**, additional SmartGov Project report, accessible at <http://www.smartgov-project.org/index.php?category=results>
- **Database connectivity for SmartGov services**, Additional SmartGov Project report, accessible at <http://www.smartgov-project.org/index.php?category=results>
- **User requirements and Specifications**, Deliverable D4 of the OntoGov project

- M. Golemati, A. Katifori, C. Vassilakis, G. Lepouras, C. Halatsis, “User Profile Ontology version 1”, available at <http://oceanis.mm.di.uoa.gr/pened/?category=publications>.
- “D4.8.1 BLUE experiment: description, problem statement and requirements”, Ioanna Lykourantzou, Yannick Naudet, Eric Tobias, Angeliki Antoniou, George Lepouras, Costas Vassilakis, <http://www.experimedia.eu/wp-content/uploads/sites/3/2013/04/D4.8.1-BLUE-Experiment-Description-Problem-Statement-and-Requirements-v1.0.pdf>
- “D4.8.2 BLUE Experiment: Progress report”, Ioanna Lykourantzou, Yannick Naudet, Eric Tobias, Younes Djaghoul, Angeliki Antoniou, George Lepouras, Costas Vassilakis, <http://www.experimedia.eu/wp-content/uploads/sites/3/2013/04/D4.8.2-BLUE-Experiment-Progress-Report-v1.0.pdf>
- “D1.1 Market research and GIS-Mobile LBS tools/platforms assessment for electronic service applications in the tourism sector” (e-tourism project)
- “D1.2 Market research and assessment of augmented reality technology & services as well as mobile value added services for electronic service applications in the tourism sector” (e-tourism project)
- “D2.1 Operational and technological models and Web/Mobile GIS portal tourism data models” (e-tourism project)
- “D2.2 Best practices for extracting/developing/managing the e-tourism content” (e-tourism project)
- “D2.3 Operational / Functional / Technological design of mobile value added services for electronic tourism services” (e-tourism project)
- “D4.1 Final pilot application design ” (e-tourism project)
- “D4.2 Content preparation for pilot implementation” (e-tourism project)
- “D4.3 Development and integration of pilot applications” (e-tourism project)

Funding

During the period 1995-1998 my research activities in the area of temporal databases were funded by the TOOBIS project of ESPRIT IV.

Academic Lectures

Undergraduate

- Laboratory lectures in UNIX operating system, in the Department of Informatics, University of Athens. (1990-1991, 1991-1992 and 1992-1993).
- Object-oriented design and C++ language in Dept. of Informatics, University of Athens.
- *Operating Systems* (1995-1996, 1996-1997, 1998-1999 and 1999-2000) Dept. of Informatics, University of Athens.
- *Operating Systems II* in Dept. of Informatics, University of Athens (1992-1993, 1993-1994, 1994-1995, 1995-1996, 1998-1999, 1999-2000, 2000-2001 and 2001-2002).
- *Introduction in Computer Science* in Dept. of Informatics, University of Athens (1995-1996 and 1996-1997).
- C++ language in the context of the “Object-oriented programming” class, Department of Informatics, University of Athens, 1999-2000.
- «Protection and Security in Information Systems» in Dept. of Informatics, University of Athens (2001-2002, 2002-2003, 2003-2004, 2004-2005, 2005-2006, 2006-2007 and 2007-2008).
- «Principles of Programming» in Dept. Of Computer Science and Technology of the University of Peloponnese (2002-2003, 2003-2004, 2004-2005).
- «Introduction to Programming» In Dept. Of Telecommunications Science and Technology of the University of Peloponnese (2002-2003, 2003-2004, 2004-2005).
- “History of Computers and Telecommunications”, In Dept. Of Telecommunications Science and Technology of the University of Peloponnese (2002-2003, 2003-2004)
- “Introduction to databases” in Dept. Of Computer Science and Technology of the University of Peloponnese (2003-2004)
- “Operating Systems” in Dept. Of Computer Science and Technology of the University of Peloponnese (2003-2004, 2004-2005, 2005-2006, 2006-2007, 2007-2008, 2008-2009, 2009-2010, 2010-2011, 2011-2012)
- “Operating Systems” in Dept. Of Telecommunications Science and Technology of the University of Peloponnese (2003-2004, 2004-2005)
- “System Programming” in Dept. Of Computer Science and Technology of the University of Peloponnese (2003-2004, 2004-2005, 2005-2006, 2006-2007, 2007-2008, 2008-2009, 2009-2010, 2010-2011, 2011-2012)
- “Internet services” in Dept. Of Computer Science and Technology of the University of Peloponnese (2004-2005, 2005-2006)
- “Selected subjects on Software Systems” in Dept. Of Computer Science and Technology of the University of Peloponnese (2005-2006, 2006-2007)
- «Distributed Systems» in Dept. Of Computer Science and Technology of the University of Peloponnese (2006-2007, 2007-2008, 2008-2009).

- «Software Engineering II» Dept. Of Computer Science and Technology of the University of Peloponnese (2007-2008).
- «Information Systems» Dept. Of Computer Science and Technology of the University of Peloponnese (2008-2009).
- “Software Engineering”, Dept. Of Computer Science and Technology of the University of Peloponnese (2009-2010, 2010-2011, 2011-2012, 2012-2013)
- «Legal issues of informatics» Dept. Of Computer Science and Technology of the University of Peloponnese (2009-2010, 2010-2011, 2011-2012, 2012-2013).
- «Operating systems» Department of Informatics and Telecommunications, University of Peloponnese (2013-2014, 2014-2015).
- « Software Engineering » Department of Informatics and Telecommunications, University of Peloponnese (2013-2014, 2014-2015, 2015-2016).

Postgraduate

- Lectures for course *Distributed Operating Systems* in the Postgraduate Programme of the Department of Informatics, University of Athens (1993-1994).
- “Data Bases” in the Postgraduate Programme “Electronic Automation”, University of Athens (1995-1996).
- “Distributed Databases” in the Postgraduate Programme of the Department of Informatics, University of Athens (1996-1997).
- “New technologies and museums” in the Postgraduate programme “Museum studies” of the University of Athens.
- «Internet Programming and Technologies», Postgraduate programme in Computer Science and Technology, University of Peloponnese (2009-2010).
- “Topics on Netcentric Programming”, Postgraduate programme in Computer Science and Technology, University of Peloponnese (2011-2012, 2012-2013, 2013-2014, 2014-2015, 2015-2016).
- Lectures for course “Real-time systems”, joint postgraduate programme “Electronic Automation”, departments of Physics and Informatics & Telecommunications, National and Kapodistrian University of Athens (2013-2014, 2014-2015).

Selected seminar lectures

- Lectures in seminars for Case Tools at KEKA (Athens Innovation Center).
- Lectures in seminars in C programming language, for the Union of Greek Physics.
- Lectures in seminars for Office Automation in KEKA (Athens Innovation Center).
- Lectures in seminars for the training of the member of the Secretariat of Medical School in DOS and UNIX.
- Training of the Civil Air-force employees in C language.
- Teacher in the Institute for Professional Training of Piraeus (1992-1993), in the Programmers-Assistant Analysts department.
- Lectures in seminars for training of unemployed, by the University of Aegean. The lectures were about the Windows environment and an overview of data networks and office automation.
- Seminar on Temporal Object Oriented Databases to financial and private sector employees, in the framework of the dissemination activities of the TOOBIS project.

PhD supervision

The following PhDs have been completed under my supervision:

1. Vasiliadis Dimitrios, «Modelling - Simulation of Routing and Performance Analysis of Multistage Interconnection Networks for Optimizing the Performance of Distributed Applications» (Department of Computer Science and Technology, University of Peloponnese)
2. Rizos Georgios, «Routing simulation, performance evaluation and proxy mechanisms for guaranteeing and elevating the quality of service for distributed applications within wireless networks, under mobility conditions» (Department of Computer Science and Technology, University of Peloponnese)
3. Benou Poulcheria, «A software development methodology and a software architecture for context - aware m - commerce applications» (Department of Computer Science and Technology, University of Peloponnese)
4. Giannikopoulos Panagiotis, «Recommender Systems Over P2P Architectures», (Department of Computer Science and Technology, University of Peloponnese)

I am currently supervising the following PhDs:

- Bourlacos Ioannis, «Context-aware software» (Department of Informatics and Telecommunications, University of Peloponnese)
- Sotiropoulos Panagiotis, «Methodologies and techniques for discovering and correcting intermittent failures» (Department of Informatics and Telecommunications, University of Peloponnese)
- Vlachou Christina, «Management, processing and analysis of www data, in relation to the new application needs and/or the new technological developments» (Department of Informatics and Telecommunications, University of Peloponnese)
- Saltari Georgia, «data management in contemporary environments such as the computing cloud and/or the linkage and integrated management of data» (Department of Informatics and Telecommunications, University of Peloponnese)

I am a co-advisor for the following PhD candidates::

- P. Tritakis, «Data warehouses and update processes»
- Ch. Charalampous, «Active data warehouses»
- Kryptos Ioannis, «Personal information management systems»
- Daradimos Ilias, «Managing personal information»
- Rompa Jenny, «Human-computer interaction/ Personal information management systems»

I have served as a member of the examination committee of the following PhDs:

- Papapanagioutou Konstantinos, “Certificate validation towards efficient trust establishment in mobile ad hoc networks”, 2008
- Katifori Akrivi, “Intelligent environment for managing historical archive documents”, 2009
- Torou Eleni, “Research methodology on historical archives”, 2009
- Louloudis Georgios, “Character Recognition in Historical Documents (handwritten, cursive and printed documents)”, 2009
- Giannopoulou Eugenia, “Integration and visualization of proteomics data”, 2009
- Kalikakis Emmanouil, “P2P e-services that enhance participation in decision making and budget allocation”, 2009
- Antoniou Aggeliki, “A methodology for the development of museum educational applications”, 2009
- Kareliotis Christos, “BPEL scenario execution: dynamic adaptation and exception handling based on qualitative characteristics”, 2010
- Stamati Mavretta, “Development of transformational and adoption model for electronic government”, 2010
- Margaris Dionisios, Department of Informatics and Telecommunications, University of Athens, 2014 «Advanced BPEL execution adaptation using QoS parameters and collaborative filtering techniques»
- Ntelopoulou Chara, Department of Informatics and Telecommunications, University of Athens, 2014, «Development of a conceptual and methodological framework for the management and the identification of impediments and opportunities for adopting e-government services », 2014
- Poulis Giorgos, «Data Anonymity and Truthfulness», Department of Informatics and Telecommunications University of Peloponnese, 2014

Supervision of undergraduate final-year projects

1. “Study of criteria for database design” (1997-1998) (Tsiompani Maria and Belia Ioanna) (Postgraduate course for Electronics and Automation, University of Athens).
2. “Implementation of a Web-based manual for an object-oriented methodology” (1998-1999) (Nanou Spiridoula and Papadimitriou Georgia) (Dept. of Informatics, University of Athens)
3. “Controlled Caching of Dynamic WWW Pages” (1999-2000) (Vassilis Androutopoulos and George Fortsaris) (Dept. of Informatics, University of Athens)
4. «Porting Valid Time SQL from the Ingres DBMS to the Oracle DBMS» (1999-2000) (Gountanas Constantine, Chouchoulis Micaïl) (Dept. of Informatics, University of Athens)
5. «Implementation of a Web-based dictionary for Informatics Terminology» (1999-2000) (Balafa Olga) (Dept. of Informatics, University of Athens)
6. «Information archiving and retrieval system» (2001-2002) (Tsigas Maria) (Dept. of Informatics and Telecommunications, University of Athens)
7. «A tool for Building HTML pages to query database systems» (2002-2003) (Tzerpos Vassileios) (Dept. of Informatics and Telecommunications, University of Athens)
8. «Embedded Systems, Present and Future» (2002-2003) (Kristalidis Stratos, Tsiridi Aggelina) (Dept. of Informatics and Telecommunications, University of Athens)
9. «Implementation of a Virtual Museum using the Graphics Engine and the Environment of the Unreal Tournament» (2002-2003) (Stavroulakis Dimitris and Karkanis Fotis) (Dept. of Informatics and Telecommunications, University of Athens)
10. «Implementation of a database and a web interface for a virtual museums environment» (2002-2003) (Farmaki Georgianna, Sfakianakis Nikos) (Dept. of Informatics and Telecommunications, University of Athens)
11. «Reverse engineering of electronic services forms» (2003-2004), Galifos George, (Dept. of Informatics and Telecommunications, University of Athens)
12. «Ontology-based architecture for web service composition and execution, Vrontakis Stylianos, Dept. of Computer Science and Technology, University of Peloponnese, 2007
13. «Design and Development of a Tool for Implementing Virtual Museums», Mateevitsi Victor και Sfakianos Michail, Dept. of Computer Science and Technology, University of Peloponnese, 2007.
14. «Ontologies: Methodologies and Tools for Development and Evaluation », Leontiadou Dorianna, Dept. of Informatics and Telecommunications, University of Athens, 2008
15. «OffLine web applications», Nikos Dimitrakopoulos, Dept. of Telecommunications Science and Technology, University of Peloponnese, 2008
16. «System for visualizing data collections: MoireGraphs», Papageorgiou Aleksandros, Dept. of Computer Science and Technology, University of Peloponnese, 2008
17. «Electronic voting systems in participatory democracy», Papatheodorou Constantinos, Dept. of Computer Science and Technology, University of Peloponnese, 2008 (ongoing)

18. «Replication in relational databases», Giannakeas Elias, Dept. of Computer Science and Technology, University of Peloponnese, 2008
19. «Optimization of composite web service execution through streamlining intermediate results», Karkalakis Ioannis & Giannopoulos Eustratios, Dept. of Computer Science and Technology, University of Peloponnese, 2009.
20. "An information system for elementary schools", Koen Errikos and Saripanis Ilias, Dept. of Computer Science and Technology, University of Peloponnese, 2009.
21. "A web-based personal profile ontology management system", Antonio Katit and Marios Milonas, Dept. of Computer Science and Technology, University of Peloponnese, 2009.
22. "Analysis of a business rule management system", Stivachti Panagiota, Dept. of Computer Science and Technology, University of Peloponnese, 2009.
23. "Voting through the internet in the context of e-democracy", Papatheodorou Konstantinos, Dept. of Computer Science and Technology, University of Peloponnese, 2010.
24. "Linking the personal ontology to the Facebook system", Neiros Eustratios, Dept. of Computer Science and Technology, University of Peloponnese, 2010.
25. «Study and improvement of access for Web 2.0 information publication tools», Kampana Euthimia, Dept. of Computer Science and Technology, University of Peloponnese, 2009. (co-supervision with Dr. Varlamis Iraklis)
26. "Virtual communities and design of a distributed and novel learning environment to simulate a virtual classroom", Metaksas Ioannis, Dept. of Computer Science and Technology, University of Peloponnese, 2007.
27. "A system to share pictures and experiences, enriched with location tracking and semantic features", Kapelonis Emmanouil, Dept. of Computer Science and Technology, University of Peloponnese, 2011.
28. «Analysis and implementation of the RBAC security model», Gkogkolis Georgios, Dept. of Computer Science and Technology, University of Peloponnese, 2012
29. «Software in context: Design issues and a development framework using Java and AspectJ» John Bourlakos, Dept. of Computer Science and Technology, University of Peloponnese, 2012
30. «Maintaining privacy in web service adaptation systems », Bellos Eustratios, Dept. of Computer Science and Technology, University of Peloponnese, 2012.
31. «Design and implementation of adaptive web services», Glikiotis Dimitrios, Dept. of Computer Science and Technology, University of Peloponnese, 2012.
32. «Context-aware mobile application for locating POIs», Dana Christos, Dept. of Computer Science and Technology, University of Peloponnese, 2013.
33. «Implementing evolution heuristics in ontologies», Barbaris Stylianos, Dept. of Informatics and Telecommunications, University of Peloponnese, 2013.
34. «Creating a personal ontology for using by a ontology-enhanced file manager », Περικλέους Γεώργιος, Dept. of Informatics and Telecommunications, University of Peloponnese, 2013.
35. Giannakopoulos Theodoros, Data mining for academic data, in progress
36. Siakampeti Ioanna, Development of a management subsystem for a course evaluation system, in progress
37. Sarris Georgios, Creating a user profile based on social networks, in progress
38. Zisis Diamantis, Enhancing security through penetration testing, in progress
39. Spyratos Aggelos, Using AI in games, in progress
40. Kardiasmenos Apostolos and Panatazopoulos Dimitrios, Development and evaluation of a global scope optimizer for web service invocation adaptation, in progress
41. Euaggelia Margariti and Paraskevi Prousalis, Development of an application for connecting e-class to a social network, Dept. of Informatics and Telecommunications, University of Peloponnese 2014
42. Pavlouti Euthimia, «Developing a system for accessing parts and compositions of pages (mashups) through mobile devices », Dept. of Informatics and Telecommunications, University of Peloponnese 2014
43. Manolaina Emmanouela - "A system for storing and interchanging certificates through a smart phone", Dept. of Informatics and Telecommunications, University of Peloponnese 2015
44. Karali Dimitra - "Parametrization, extension and deployment of an e-ticketing system ", Dept. of Informatics and Telecommunications, University of Peloponnese 2015
45. Stefanopoulos Panagiotis - "factoids application", in progress
46. Skarpathiotaki Christina - "Design and development of a file deletion mechanism in a big data environment" (in cooperation with CERN), Dept. of Informatics and Telecommunications, University of Peloponnese 2014
47. Koulinas Stilianos - "Using association rule mining techniques for computing weights in a personal semantic network ", in progress
48. Stylianidis Agathaggelos - " Development system of registration and data management (Data Acquisition System) for the needs of MicroMegas detector of the ATLAS experiment of Large Hadron Collider" (in cooperation with CERN), Dept. of Informatics and Telecommunications, University of Peloponnese 2015
49. Raptis Marios - "Web crowdsourcing and human computation projects best practices", in progress
50. Georgiou Georgios, «Parallel implementation of a spreading activation algorithm», Dept. of Informatics and Telecommunications, University of Peloponnese 2015

Supervision of postgraduate final-year projects

1. «Server-side caching of dynamic web pages» (2001-2002) (Vassilis Androutsopoulos) (Postgraduate program of the Dept. of Informatics and Telecommunications, University of Athens)
2. «Documenting Valuable books collections: requirements and modeling», Ntalouka Thaleia, Postgraduate Program on Museum Studies, University of Athens.

3. «Design and Implementation of a 3D dynamically created virtual museum for web-based adaptive virtual environments», Velessiotis Ioannis, Postgraduate program of the Dept. of Informatics and Telecommunications, University of Athens, 2005.
4. «Study and evaluation of virtual world-supported learning management systems», Dimopoulou Nikoleta, Dept. of Computer Science and Technology, University of Peloponnese, 2011.
5. «Integrating Web 2.0 technologies in Learning Management Systems (LMS) and personal learning environments», Chronopoulou Vassiliki, Postgraduate programme in Computer Science and Technology, University of Peloponnese, 2011.
6. «Study and implementation of an ontology fuzzification platform», Papafragkos Ioannis, Postgraduate programme in Computer Science and Technology, University of Peloponnese, 2011. (co-supervision with Dr. Wallace Manolis).
7. «Application software security assessment methods», Aleksandropoulou Maria, Postgraduate programme in Computer Science and Technology, University of Peloponnese, 2011.
8. «Adaptiveness in computer-aided education», Papadopoulos Dimitrios, Postgraduate programme in Computer Science and Technology, University of Peloponnese, 2012.
9. «A framework for developing adaptive e-commerce applications », Vlachou Christina-Saltari Georgia, Postgraduate programme in Computer Science and Technology, University of Peloponnese, 2012.
10. «Approaches to developing adaptive services in the context of e-commerce », Fountas Georgios, Postgraduate programme in Computer Science and Technology, University of Peloponnese, 2012.
11. «Application development and qualitative characteristics in the cloud», Gaspari Michaela-Christina, Lazari Eugenia, Postgraduate programme in Computer Science and Technology, University of Peloponnese, 2012.
12. «Architectures and design for the future internet», Tsilivitis Dionisis, Postgraduate programme in Computer Science and Technology, University of Peloponnese, 2013.
13. «Internet of the future: requirements, technologies and applications », Michailidis Konstantinos, Postgraduate programme in Computer Science and Technology, University of Peloponnese, 2013.
14. «Multi-dimension indexes for nearest-neighbor queries», Likourentzos Christos, Postgraduate programme in Computer Science and Technology, University of Peloponnese, 2013.
15. «Checking web site security: methodologies, and vulnerability checks », Makrypodis Vassilios, Postgraduate programme in Computer Science and Technology, University of Peloponnese, 2013.
16. «Deep Web», Maroudas Ioannis, Postgraduate programme in Computer Science and Technology, University of Peloponnese, 2014.
17. Deligiannis Kimonas, An Augmented reality system for libraries, in progress
18. Karantzoulis Aleksandros, Development of an open-field and closed-field fire and natural disasters detection system, in progress
19. Stavropoulou Dimitra, Distributed pattern mining, in progress

Participation in the supervision of final-year projects

- “Integrating E-Mail communication in the Sybase RDBMS” (1993) (George Kostakis.) (Dept. of Informatics, University of Athens)
- “Presentation of the Courses Curriculum through the WWW” (1995) (Kremmida Spiridoula and Ksini Panagiota) (Dept. of Informatics, University of Athens)
- “Integrating Temporal Features into an Object-Oriented DBMS” (1996) (Sotiropoulou A.) (Postgraduate program of the Dept. of Informatics and Telecommunications, University of Athens)

Reviewer for journals and PC memberships for conferences

A. Journals

- | | | |
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| • ACM Journal on Computing and Cultural Heritage | • Information Systems | • International Journal of Information System Modeling and Design |
| • Chinese Journal of Engineering | • Information Visualization | • International Journal of Parallel, Emergent and Distributed Systems |
| • Data and Knowledge Engineering journal | • International Journal of Advanced Media and Communication | • International Journal of Services Technology and Management |
| • Electronic Commerce Research and Applications | • International Journal of Cases on Electronic Commerce | • International Review of Administrative Sciences |
| • Electronic Commerce Research Journal | • International Journal Of Computer Applications In Technology (IJCAT) | • International Review of Administrative Sciences |
| • Enterprise information systems | • International Journal of Computer Engineering Research | • Journal of Computer and Network Algorithms |
| • Frontiers of Information technology and electronic engineering | • International Journal of E-Business Development | • Journal of Computer Networks and Communications |
| • Future Generation of Computer Systems journal | • International Journal of Educational Development | • Journal of Mathematical Modelling and Algorithms - Special Issue on “Computational Science and Applications” |
| • Government Information Quarterly journal | • International Journal Of Electronic Government | • Journal of Web Semantics |
| • IETE Technical Review | • International Journal Of Electronic Government Research | |
| • Information resources management journal (IRMJ) | | |

- Journal of Zhejiang University Science C (Computers & Electronics)
- KAIS Journal
- Mediterranean Journal of Computers and Networks
- Open Virtual Reality Journal
- Sensors
- Telematics and Informatics
- The Computer Journal
- Transactions on Knowledge and Data Engineering
- Very Large Databases Journal
- IEEE Systems Journal
-

B. Conferences

- ADBIS 2001
- ADBIS 2002
- ADLP 2000
- ATHCON2010
- AFIN 2010
- AFIN 2011
- AFIN 2012
- AFIN 2013
- AFIN 2014
- AFIN 2015
- ARES 2007
- CAiSE '96
- CAiSE 2001
- CAiSE 2002
- CAiSE 2005
- CI3E 2009
- CISSE 2007
- CSITeA 04
- DESEGOV 2007
- DEXA 2001
- DEXA '98
- E-Gov 05
- E-Gov 06
- E-Gov 07
- E-Gov 08
- E-Gov 09
- EGOVIS 2010
- EGOVIS 2011
- EGOVIS 2012
- EGOVIS 2013
- EGOVIS 2014
- EGOVIS 2015
- ESCW 08
- ESCW 09
- Euro-mgov 06
- HCIS 2009
- HCIS 2010
- HCIS05
- HCIS06
- HICSS 2011
- HICSS 2012
- HICSS 2013
- ICCS 2004
- ICDE 2001
- ICEG 06
- ICNS 2009
- ICNS 2010
- ICNS 2011
- ICNS 2012
- ICSNC2013
- ICSNC2014
- ICSNC2015
- ICTAI 07
- International Workshop on the Implementation of Declarative Languages '99
- IRMA 05
- IRMA 2007
- KMO 2015
- MCIS 2009
- M-Life 08
- M-Life 09
- M-Life 2010
- OWASP 2012
- OWASP 2013
- PCI 08
- PCI 2010
- PCI 2014
- PCI 2015
- PDCS 2004
- PIM 2009
- PIM 2012
- RCIS 2009
- RCIS 2011
- RCIS 2012
- RCIS 2013
- RCIS 2014
- The Hawaii International Conference On Systems Sciences '99
- WACC '99
- WEB 2013
- WEB 2014
- WEB 2015
- WEGOV, 2010

C. Encyclopedias, collective volumes

- Encyclopedia of Digital Government
- Encyclopedia of e-commerce, e-government and mobile commerce
- Encyclopedia of E-Business

D. Advisory and review boards

- Member of the IRMA reviewers board
- Member of the Idea Group Editorial Advisory Review Board

Special issue guest editorship and special session organization

- Guest editor, Virtual Reality Journal, Special issue "Virtual reality in the e-Society" Volume 11, Issue 2 (June 2007).
- Guest editor, Journal of Electronic Commerce in Organizations, Special Issue in Mobile and Context-Aware e-Commerce, Vol. 6, Issue 1, 2008.
- CSITEA 2004, co-organizer of special session in e-society.
- Mediterranean Conference on Information Systems 2009, track: "Web Application Security"

Citations

The Google Scholar platform reports 1439 to my papers, 998 of which have been recorded since 2010. According to the above set of references, my h-index metric is equal to 18.

According to verified third-party citations to my papers (i.e. excluding self-citations), the total tally is 1229 citations giving an h-index equal to 15.

Verified citation details are available in <http://www.uop.gr/~costas/citations.pdf>)

Other activities

- Member of the Undergraduate studies committee of the Department of Informatics and Telecommunications, University of the Peloponnese (2013-today)
- Representative for the University of Peloponnese in the Greek Universities Network association (2005-today)
- Board member for the Greek Universities Network association (2007-today)
- Representative for the University of Peloponnese in the Greek Open Source foundation (2007-today)
- Member of the Software and Database Systems Lab (2005-today)
- Member of the Virtual Reality and Human-Computer Interaction lab (2005-today)
- Member of the General assembly of the Department of Informatics and Telecommunications, University of the Peloponnese (2013-today)
- Member of the Special general assembly of the Department of Informatics and Telecommunications, University of the Peloponnese (2013-today)
- Member of the General assembly of the Department of Computer Science and Technology, University of the Peloponnese (2015-2013)
- Member of the Special general assembly of the Department of Computer Science and Technology, University of the Peloponnese (2015-2013)
- Administrator of the SUN network of the Department of Informatics, University of Athens (1990-2001).
- Administrator of the PC lab of the Department of Informatics, University of Athens (1995-2001)
- Member of the Administration team of the WWW site of Department of Informatics, University of Athens (1993-2001).
- Administrator of the Ingres, Oracle and Sybase DBMSs in the Sun network of the Department of Informatics, University of Athens (1994-2001) and the O₂ DBMS (1996-2001).
- Administrator of the www.e-gov.gr site (2001-2006)

Foreign languages

- English

November 2015

Costas Vassilakis