

# CURRICULUM VITAE

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<b>Educational Background</b>	<p>2001 PhD in Software Engineering, University of Patras, Department of Mathematics, Division of Computational Mathematics and Informatics, Greece.</p> <p>Title of thesis: “A unified formal model for the representation of functionality and the schedulability analysis of real-time applications”.</p> <p>1992 Diploma in Computer Engineering and Informatics, University of Patras, Department of Computer Engineering and Informatics, Greece.</p>
<b>ACADEMIC EXPERIENCE – Teaching</b>	<p>2006 – today: Assistant Professor, Department of Project Management, Technological Education Institute of Larissa, Greece.</p> <p>2002-2006: Lecturer, Department of Project Management, Technological Education Institute of Larissa, Greece.</p> <p>2007-2008: Visiting Professor, Aristotle University of Thessaloniki, Department of Informatics, Thessaloniki, Greece, Post Graduate Studies (MSc in Information Systems &amp; MSc in Informatics - Management), Responsible for the Software Project Management Course.</p> <p>2004 - today: Visiting Professor, Program of Studies in Computer Science, Module: Principles of Software Engineering, Hellenic Open University, Greece.</p> <p>2004 – today: Module Leader, Post Graduate Studies (MBA &amp; MSc) in Management Science, Responsible for the Management Principles &amp; Operational Contexts Course, Staffordshire University – TEI of Larissa.</p> <p>2004 – today: Module Leader, Post Graduate Studies (MBA &amp; MSc) in Management Science, Responsible for the Business Research Methods Course, Staffordshire University – TEI of Larissa.</p> <p>2002-2003:</p>

	<p>Visiting Lecturer, Department of Pedagogy, University of Thessaly, Volos, Greece.</p> <p>2000- 2002:</p> <p>Part-time Assistant Professor, Department of Information Technology and Telecommunications, Technological Education Institute of Larissa, Greece.</p>
<p><b>PROFESSIONAL EXPERIENCE</b></p>	<p>1993 –2000: Research Scientist, Educational Software Development Laboratory, University of Patras.</p> <p>1993 –2000: Project Manager, R&amp;D Manager, Advanced Informatics Ltd., Patras, Greece. Responsible for the design, development and exploitation of an integrated software development environment (tools' chain) for real-time, safety critical, embedded software applications, which includes monitoring, schedulability analysis, safety analysis, performance analysis, reliability analysis and testing tools.</p> <p>1993 –2000: Technical project manager in EU funded research projects:</p> <ul style="list-style-type: none"> <li>i) ESPRIT project 8906 CLEAR-Components and Libraries for Embedded Applications in Real-time (1993 -1995). Result: The project has developed a real-time, run-time product set which includes an operating system, a development environment and a simulation environment, for both low- and high-end embedded software development. End-users: RENAULT (embedded automotive real-time control applications), ZELTRON-ELECTROLUX (embedded control in white goods applications)</li> <li>ii) ESPRIT project 20576 TOOLS-Tools for Design and Validation of Embedded Control Systems (1995 –1998). Result: An integrated set of tools covering the entire development cycle of real-time applications, namely: verification, system modelling and simulation, monitoring, performance evaluation and traceability. End-users: THOMSON-CSF (braking control in aircraft applications)</li> <li>iii) ESPRIT project 20899 ANTI-CRASH - ANDF Technology in C for reliable safety critical hard real-time systems (1995-1997). Result: Development and industrial production of software and hardware tools focusing on the Architecture Neutral Distribution Format (ANDF) technology. The project has evaluated the performance of ANDF when it is used to retarget the language and the processor environment. End-users: THOMSON-CSF (vetronics and pantograph braking systems)</li> <li>iv) ESPRIT project 23256 TotEm - Totally Emulated Embedded Systems (1996 – 1998). Result: Integration of a software environment that constituted by EOS (a highly configurable Real-Time Operating System on Windows and Solaris host</li> </ul>

	<p>platforms), LCT (a Logic Compiler Technology that allows the application developers to prove the correctness of implementation against specification), PREDICTA (a performance prediction tool that extracts features of the system under analysis by means of symbolic execution of models) and SCAN (a schedulability analysis tool that allows developers to correctly study and define the timing behaviour of their applications). End-users: THOMSON-CSF, Crouzet Automatismes (automotive, space industry, consumer electronics).</p> <p>v) ESPRIT project 23920 SAFE - Safe Ada for Embedded Applications in real-time (1997-1999). Result: Contribution to the definition and the implementation of a complete development process for safety-critical software. The project emphasized on software safety, portability and reusability for embedded systems. The approach combined the ADA/ANDF technology, formal methods techniques and safety-schedulability analysis methods. End-users: Thomson-CSF, Crouzet Automatismes (pantograph control for TGV high-speed trains).</p> <p>2008 – 2008: Project leader in MISSION – SPM project (Model-based Integrated Environment to Support Simulation in Software Project Management) - R&amp;D project partially funded from the European Social Fund and the Greek Ministry of Education (in the context of the ARCHIMEDES II national research programme).</p> <p>2004 – 2008: Development of distance learning educational material to support Software Engineering courses (webcast, hypertext material). Project funded by the Hellenic Open University, Greece</p> <p>2007 – today: Innovation Pole of Thessaly, Scientific Coordinator for Action ST2 “Vocational Training in Textile Industry”. Project funded by the Hellenic Secretary of Research &amp; Technology (GSRT).</p> <p>2008 – today: Project Representative in PMUni, Project Management Universities Network – PMUni, Representation of the Tech. Educ. Instit. Of Larissa in a Pan European Network of Universities specializing in Project Management education.</p> <p>2002 – today: Academic Coordinator – Laboratory for Teachers Certification in ICT Skills – Certification Program funded by the Greek Ministry of Education in the context of “Information Society” operational programme.</p> <p>2003 – 2005: Project leader in R-BUS_WORK (Representation And Analysis Of Business Processes With Emphasis On Workflows Time Management)- R&amp;D project</p>
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	<p>partially funded by the TEI of Larissa Research Committee.</p> <p>2003 – today: Senior Researcher at the Technological Research Center of Thessalia, Tech. Educ. Instit. Of Larissa, Greece.</p> <p>2004 – 2005: Technical Consultant, Technological Research Center of Thessalia, R&amp;D Project “Project Management and Simulation in Regional Operating Programme of Thessaly” funded by the Third Regional Operating Programme of Thessaly.</p> <p>2004 – 2005: Technical Consultant, Technological Research Center of Thessalia, Project DIOSKOUROI–Human Research Network (Advanced Networking Technologies &amp; Applications) funded by the Hellenic Secretary of Research &amp; Technology.</p> <p>2006 – 2008: Project Leader, Technological Research Center of Thessalia, Project DIEPTELO - Human Research Network (Training &amp; Research in Software Engineering &amp; Software Project Management) funded by the Hellenic Secretary of Research &amp; Technology.</p> <p>2008 – 2009: Technical Consultant, Technological Research Center of Thessalia, National Documentation Center of Greece (EKT), “Project Management Information Systems for the National Documentation Center of Greece” , Project funded by the National Documentation Center of Greece in the context of the “Information Society” operational programme.</p> <p>2006 – today: Vice President and Executive Director of the Vocational Training Center of the Prefecture of Larissa, Larissa, Greece.</p>
<p><b>PUBLICATIONS</b> in Scientific Journals, Conference Proceedings, Collective Volumes</p>	<ol style="list-style-type: none"> <li>1. V. C. Gerogiannis, A. Kameas &amp; P. Pintelas, “Classification and Comparative Study of High-Level Petri Nets”, Journal of Systems and Software, Vol. 43, November 1998, pp. 133-160.</li> <li>2. M. Tsoukarellas, V. C. Gerogiannis &amp; K.Economides, “Systematically Testing a Real-Time Operating System”, IEEE Micro Journal, Special Issue on Embedded Control Systems, October 1995, pp. 50-60. (the article is also included in “A Practical Approach to Real-Time Systems: Selected Readings”, Collection of Distinguished IEEE Papers in SW Engineering, P.A. Laplante (Ed.), IEEE Press, 2000, pp. 279-289.)</li> <li>3. V. Gerogiannis &amp; P. Fitsilis, “A Project - Based Learning Approach for Teaching ERP Concepts”, International Journal of Learning, Common Ground Publishers, Volume 12, Issue 8, 2006,</li> </ol>

	<p>pp.261-268.</p> <ol style="list-style-type: none"> <li>4. (submitted) D. Settas, S. Bibi, P. Sfetsos, I. Stamelos, V.C. Gerogiannis, "A Computer Supported Bayesian Network Approach to Model Software Project Management Antipatterns". Submitted to Journal of Engineering and Technology Management, 2009.</li> <li>5. D. Settas, I. Stamelos, V.C. Gerogiannis, "Antipatterns, Bayesian Networks &amp; Multi Criteria Decision Analysis in Software Project Management" in "Decision Systems with Multi Criteria", Collective Volume of Articles, Kleidarithmos Press, 2007, pp. 67-76.</li> <li>6. P. Fitsilis, V. C. Gerogiannis, A. Kameas &amp; G. Pavlides, "Producing Relational Database Schemata from an Object-Oriented Design". Proceedings of the 20th EUROMICRO Conference, Liverpool, UK, September 5-8, 1994, IEEE Computer Society Press, pp. 251-257.</li> <li>7. A. Kameas, V. C. Gerogiannis, K. Diplas &amp; P. Pintelas, "Encapsulating Multiple Perspectives in Interaction Specification". Proceedings of the 20th EUROMICRO Conference, Liverpool, UK, September 5-8, 1994, IEEE Computer Society Press, pp. 463-469.</li> <li>8. V. C. Gerogiannis &amp; P. Pintelas, "Perspectives of Continuous Education in Europe and Greece". Workshop on "Distance Learning", Technological Education Institute of Athens, June 2000.</li> <li>9. V. C. Gerogiannis &amp; M.Tsoukarellas, "SAT-a Schedulability Analysis Tool for Real-Time Applications". Proceedings of the 7th EUROMICRO Workshop on Real-Time Systems, Odense, Denmark, June 14-16, 1995, IEEE Computer Society Press, pp. 155-161.</li> <li>10. V. C. Gerogiannis, A. Kameas &amp; P. Pintelas, "An Intelligent Tutoring System for the Yourdon Real-Time Systems Development Methodology". Proceedings of the 1st International Conference on Computers and Advanced Technologies in Education (CATE 96), Cairo, Egypt, March 18-20, 1996, pp 287-299.</li> <li>11. V. C. Gerogiannis &amp; M.Tsoukarellas, "Using SCAN to Analyze the Schedulability of a Real-Time Application". Embedded Microprocessor Systems, Amsterdam, Netherlands, 1996, C. Muller-Schloer et al. (Eds.), IOS Press, pp. 344-353.</li> <li>12. V. C. Gerogiannis, A. Kameas &amp; P. Pintelas, "On the Integration of High-level Timed Petri Nets with Schedulability Analysis Methods". Proceedings of the 3rd Hellenic European Research on Mathematics and Informatics Conference (HERMIS96), Athens, Hellas, September 1996, pp. 703-712.</li> <li>13. V.C. Gerogiannis, I. Caragiannis &amp; M. Tsoukarellas, "A General Framework for Applying Safety Analysis to Safety Critical Real-Time Applications Using Fault Trees". Proceedings of the 9th EUROMICRO Workshop on Real-Time Systems, IEEE Computer Society Press, Toledo, Spain, June 1997, pp. 168-175.</li> <li>14. V. C. Gerogiannis, A. Kameas &amp; P. Pintelas, "Real-MFG: A High-</li> </ol>
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	<p>Level Timed Petri Net Model Focusing on the Integration of Schedulability and Fault-Tolerance”. Reliability, Quality &amp; Safety of Software-Intensive Systems, Athens, Hellas, May 1997, IFIP, Chapman &amp; Hall, pp. 263-268.</p> <p>15. V. C. Gerogiannis &amp; M.Tsoukarellas, “SAFELAND: a Fault-Tree based Environment to Software Safety Analysis”. Technologies for the Information Society, Development and Opportunities, Amsterdam, Netherlands, 1998, J. Y. Roger et al. (Eds.), IOS Press, pp. 779-786.</p> <p>16. V. C. Gerogiannis, K. Syrakoulis &amp; P. Ipsilantis, “Representation and Analysis of Business Processes: Emphasis on Workflows Time Management”. EURO/INFORMS Joint International Conference, Istanbul, July 6-10, 2003.</p> <p>17. C. Hartonas, V. C. Gerogiannis, I. Savvas &amp; G. Kakarontzas, “Towards Team Orientation in Agent Design: Social Plan Execution”. e-Proceedings of SSGRR’03s, L’Aquila, Italy, July 27 - August 4, 2003.</p> <p>18. V. Gerogiannis, D. Giakovis, P. Pintelas, A. Kameas, “Expert Systems in Education”, Proc. of the 1st Panhellenic Conf. with International Participation on Didactics of Mathematics &amp; Informatics in Education, Ioannina, Greece, October 1993, pp. 231-252.</p> <p>19. A. Kastor, K. Syrakoulis, V. C. Gerogiannis, “Resource Constrained Project Scheduling: Recent Developments”. Proceedings of the 16th National Conference of Hellenic Society in Operations Research, Larissa, Greece, September 2003.</p> <p>20. V. C. Gerogiannis, K. Syrakoulis &amp; P. Ipsilantis, “Business Process Simulation to Support Project Management of a Regional Operating Programme”, e-proceedings of the International Project Management Association (IPMA) - World Congress on Project Management, Budapest, June 19-20, 2004.</p> <p>21. P. G. Ipsilandis, K. Sirakoulis, S. Polyzos, V. C. Gerogiannis, “A DSS based Methodology for Programme Management”, e-proceedings of the International Project Management Association (IPMA) - World Congress on Project Management, International Project Management Association, Budapest, June 19-20, 2004.</p> <p>22. V. C. Gerogiannis, K. Syrakoulis, P. Ipsilantis &amp; P.Fitsilis, “Management of Proposal Evaluation Activities in a Regional Operational Programme with Simulation”, e-proceedings of the EURO XX - 20th Conference on Operational Research. Rhodes, July 4-7, 2004.</p> <p>23. V. C. Gerogiannis, K. Syrakoulis &amp; P. Ipsilantis, “Management of Proposal Evaluation Activities in a Regional Operational Programme with Simulation”, Proceedings of the 8th World Multi - Conference on Systemics, Cybernetics and Informatics (SCI 2004), Orlando, Florida, USA, July 18-21, 2004, pp. 399-403.</p> <p>24. K. Syrakoulis, P. Ipsilantis &amp; V. C. Gerogiannis, “Factors Affecting Project Management Applicability in Greece”. Proceedings of the 3rd Scientific Conference on Project Management, 24-25 Sept., Thessaloniki, Greece, pp. 217-222.</p>
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25. V. C. Gerogiannis & P. Fitsilis, "A Project - Based Learning Approach for Teaching ERP Concepts". Proceedings of the 12th International Conference on Learning, University of Granada, Spain, July 2005.
26. V. C. Gerogiannis, "Object-Oriented Modeling and Formal Specification of Generic Project Structures". Proceedings of the 17th National Conference of Hellenic Society in Operations Research, Patras, Greece, June 2005.
27. P. Fitsilis, V. C. Gerogiannis, A. Kameas, "Extracting And Maintaining Project Knowledge Using Ontologies". Proceedings of the 8th International Conference on Enterprise Information Systems, Workshop for "Technologies for Collaborative Business Processes", 23-27 May 2006, Paphos, Cyprus, pp. 72-83.
28. V. C. Gerogiannis, "Object-Oriented Structures in Software Development Projects". Proceedings of the 1st ICEC & IPMA Global Congress on Project Management and 5th World Congress on Cost Engineering, Project Management & Quantity Surveying, International Project Management Association, Ljubljana, Slovenia, April 23 - 26, 2006.
29. V. C. Gerogiannis & I. Kostis, "A Business Process Modelling Approach to Assist Management of a Regional Operating Programme". Proceedings of the 1st ICEC & IPMA Global Congress on Project Management and 5th World Congress on Cost Engineering, Project Management & Quantity Surveying, International Project Management Association, Ljubljana, Slovenia, April 23 - 26, 2006.
30. V. C. Gerogiannis & P. Fitsilis, "Project-Based Learning as a Teaching Method for ERP Systems". Proceedings of the 3rd International Conference on Enterprise Systems and Accounting (ICESAcc'06), 26-27 June 2006, Santorini, Greece.
31. V. C. Gerogiannis & P. Fitsilis, "Systematic Application of Project Based Learning in Teaching an ICT Course", Proceedings of the 2nd Workshop with International Participation in "Didactics of Informatics", University of Thessaly, Volos, Greece, pp. 279-289, January 16-17, 2004.
32. V. C. Gerogiannis, "The MISSION-SPM Approach for Representing and Analyzing Software Projects". Proceedings of the 20th IPMA World Congress on Project Management, International Project Management Association, 15-17 October 2006, Sanghai, China.
33. V. C. Gerogiannis, G.Kakarontzas and I. Stamelos: "A Unified Approach for Software Process Representation and Analysis". Proceedings of the 1st ICSoft Conference (International Conference on Software and Data Technologies), 11-14 September 2006, Setubal, Portugal, pp.127-132. (acceptance rate 35%)
34. V. C. Gerogiannis & P. G. Ipsilandis, "Optimizing the Schedule of Iterative Software Development Projects by Applying a Multi-Objective Linear Programming Model", 22th European Conference on Operational Research, Euro XXII, 8-11 July 2007, Prague.

35. V. C. Gerogiannis, P. G. Ipsilandis & I. Kostis, "Multi Criteria Optimization in Timeboxing Software Projects". Proceedings of the 19th National Conference of Hellenic Society in Operations Research, Arta, Greece, 2006.
36. D. Settas, S. Bibi, P. Sfetsos, I. Stamelos & V. C. Gerogiannis, "Using Bayesian Belief Networks to Model Software Project Management Antipatterns". Proceedings of the Fourth International Conference on Software Engineering, Research, Management and Applications (SERA 2006), 9-11 August 2006, Seattle, Washington, USA, IEEE Computer Society 2006, pp. 117-124. (acceptance rate 16,9 %)
37. V. Gerogiannis & P. Ipsilandis, "Multi Objective Analysis for Timeboxing Models of Software Development", Proceedings of the 2nd ICSOFT Conference (International Conference on Software and Data Technologies), July 2007, Barcelona, Spain, pp.145-153.
38. P. Fitsilis & V. C. Gerogiannis, "Management Information Systems for Programmes and Project Frameworks". Proceedings of the PM-04-4th SCPM & 1st IPMA/MedNet Conference, "Project Management Advances, Training & Certification in the Mediterranean", May 2008, Chios, Greece, pp. 440-445.
39. V.C. Gerogiannis, A. Mavridis, P.G. Ipsilandis & I. Stamelos, "Evaluating Incremental/Iterative Software Projects by Valuing Investment/Implementation Risks", Proceedings of the 20th National Conference of Hellenic Society in Operations Research, Spetses, Greece, 2008.
40. V.C. Gerogiannis, A. Mavridis, P.G. Ipsilandis & I. Stamelos, "Evaluating Schedules of Iterative /Incremental Software Projects from a Real Options Perspective", Proceedings of the 3rd ICSOFT Conference (International Conference on Software and Data Technologies), July 2008, Porto, Portugal, pp. 224-233.
41. V. C. Gerogiannis, P. Fitsilis, G. Kakarontzas, A. Tzikas, "Involving stakeholders in the selection of a project and portfolio management tool", Proceedings of the 21st National Conference of the Hellenic Society of Operational Research, Athens, Greece, 2009.
42. P. Fitsilis, L. Anthopoulos, V. C. Gerogiannis, "An evaluation framework for egovernment projects", Book Chapter in "Citizens and E-Government: Evaluating Policy and Management" (Ed.: C. Reddick), IGI Global Publishing, accepted in 2009, (to be published in 2010).
43. P. Fitsilis, L. Anthopoulos, V. C. Gerogiannis, "Assessment Frameworks for EGovernment Projects: a Comparison", PCI 2009, 13th Panhellenic Conference on Informatics, 10-12 September 2009, Corfu, Greece.
44. P. Fitsilis, V. C. Gerogiannis, L. Anthopoulos, A. Kameas, "Using Social Network Analysis for Software Project Management", accepted for publication in the Proceedings of the 2009 International Conference on Current Trends in Information Technology (CTIT'09), IEEE Press, Dec. 15-16, 2009, Dubai,



	United Arab Emirates.
<b>PUBLICATIONS – Books – Technical Reports</b>	<p>45. “SW Analysis and Design with UML”, Book, Kleidarithmos Press, Greece, 2005.</p> <p>46. “A Primary in Personal Computers and Introduction to Internet Services”, Univ. of Thessaly Editions, Volos, Greece, 2002.</p> <p>47. V. C. Gerogiannis, C.Diplas, A.Kameas &amp; P.Pintelas, “Petri Nets and High Level Petri Nets: Formalism, Properties, Analysis and Applications”, Technical Report, TR-95-01, January 1995, Dept. of Mathematics, University of Patras.</p> <p>48. V. C. Gerogiannis, A.Kameas &amp; P.Pintelas, “Classification and Categorisation of High Level Petri Nets”. Technical Report, TR-96-01, January 1996, Dept.of Mathematics, University of Patras.</p> <p>49. A. Kameas, V. C. Gerogiannis, C. Diplas &amp; P. Pintelas, “IMFG: a Formal Model for the Specification of Interactive Dialogue”. Technical Report, TR-96-02, May 1996, Dept.of Mathematics, University of Patras.</p> <p>Contribution in authoring and supervising a number of project management, team management &amp; technical deliverables (reports) in the context of 5 EU funded R&amp;D Projects.</p>
<b>PUBLICATIONS - Dissertations</b>	<p>1. “A unified formal model for the representation of functionality and the schedulability analysis of real-time applications”, Ph.D. Thesis, Dept. of Mathematics, Division of Computational Mathematics and Informatics, Univ. of Patras, Greece, 2001</p> <p>2. “Inference Control in Multi-Level Relational Databases”, Diploma thesis, Dept. of Computer Engineering and Informatics, Univ. of Patras, Greece, 1992</p>
<b>CITATIONS</b>	<p>The article “Classification and Comparative Study of High-Level Petri Nets”, Journal of Systems and Software, Vol. 43, Issue 2, pp. 133-160, November 1998) is cited by:</p> <p>1. George Hassapis &amp; Dimitra Ananidou, “Modeling and Verification of a Class of Real-Time systems by the Use of High-Level Petri Nets”. Journal of Systems and Software, Volume 68, Issue 2, 15 November 2003, Pages 153-165.</p> <p>2. GuoFu Zhou &amp; ChongYi Yuan, “Mapping PUNTY to UniNet”. Journal of Computer Science and Technology, Vol.18 No. 3, pp. 378-387, May 2003.</p> <p>3. Bao, S.Y., Zhu, J.X., Wang, L.J., Jiang, N. Gao, Z.L., “The quantitative assessment of domino effects based on stochastic Petri nets”, Advanced Materials Research, Vol. 44-46, pp. 537-544, 2008.</p> <p>4. M. Naedele, “An approach to Modeling and Evaluation of Functional and Timing Specifications of Real-Time Systems”. Journal of Systems and Software, Vol. 57, Issue 2, pp. 155-174 June 2001.</p> <p>5. E. Dawis, “Architecture of an SS7 Protocol Stack on a Broadband Switch Platform using Dualistic Petri Nets”. In Proceedings of the 2001 IEEE Pacific Rim Conference on Communications, Computers and Signal Processing, Vol. I, pp. 323-326. August 2001.</p> <p>6. M. Naedele, “On the modeling and evaluation of real-time Systems”.</p>

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<b>Research Interests</b>	<ul style="list-style-type: none"> <li>• Software Engineering, Software Project Management</li> </ul>