Europass
Curriculum Vitae

Personal information

First name(s) / Surname(s)	**Kostas VASSILAKIS**
Address(es)	13, 1770 str, 71202, Heraklion, Crete, Greece
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E-mail	K.Vassilakis@teicrete.gr
Nationality	Greek

Work experience

Dates	September 1988 - present
Occupation or position held	Professor of Informatics
Main activities and responsibilities	Teaching courses on Information Technology. Participating in various researches and in national and European projects.
Name and address of employer	Technological Educational Institute (TEI) of Crete, School of Applied Technology, Department of Sciences, Stavromenos, GR -71004, Heraklion, Crete, Greece
Type of business or sector	Educational (tertiary education, public sector)
Dates	From September 1983 to September 1988
Occupation or position held	Computer Scientist, researcher
Main activities and responsibilities	System and Network (LAN & WAN) administrator, research on Computer Science
Name and address of employer	Computer Science Institute, Foundation for Research and Technology - Hellas (FORTH), Vassilika Vouton, GR-71110, Heraklion, Crete, Greece
Type of business or sector	Research center

Education and training

Dates	2004
Title of qualification awarded	PhD
Principal subjects	Medical Decision Support Systems
Name and type of organisation providing education and training	University of Crete, Greece
Dates	1982
Title of qualification awarded	MSc
Principal subjects	Computer Science
Name and type of organisation providing education and training	Mc Gill University, Montreal, Canada
Dates	1978
Title of qualification awarded	BSc
Principal subjects	Mathematics
Name and type of organisation providing education and training	National and Kapodistrian University of Athens, Greece

Personal skills and competences	

Mother tongue(s)	**Greek**

Other language(s)	

Self-assessment

European level (*)

	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production			
English	C1	Proficient user	C2	Proficient user	C2	Proficient user	C1	Proficient user	C2	Proficient user

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences	Training (mostly seminars and courses for professionals and educators), Teaching, Team working (participation in many projects), promotion of Free and Open Source Software in TEI of Crete.

Organisational skills and competences	• Director of School Of Applied Sciences, TEI of Crete (2010-present) • Member of the Administrative Council of the non-profit civil company "ACADEMIC NETWORK / GUnet – Greek Universities academic network" (2007-present). • Academic responsible for the Network Operations Center of TEI of Crete (2003-present). • Head of Department of Sciences, TEI of Crete (2008-2010). • Head of the Computer Science Division (academic periods: 1990-1, 1993-4, 2003-4, 2004-5 & 2005-6). • Coordinator in projects

Computer skills and competences	Proficient user (computer scientist)

Additional information

- Current Research Interests: eLearning Tele-services (systems & applications), Computer Networks, Medical Decision Support Systems (Knowledge Based Systems), Medical Informatics.
- Current teaching courses: "Programming", "Computer Networks", "ICT & Education"
- Research labs: "New Technologies in Education Lab" (responsible) and "Artificial Intelligence and Software Engineering Lab" (participation).
- Responsible for the promotion of distance learning infrastructure in TEI of Crete.
- Supervising various students' educational projects in TEI of Crete and in ERASMUS, SOCRATES, and LEODARDO programs (~5 per year).
- Member of the Internal Evaluation Group of Department of Sciences, TEI of Crete.
- Conference reviewer (IADIS, CBLIS, NHIBE etc).

Projects (participation / coordination):

- "Quality Assurance Unit of TEI of Crete", Operational Programme: "Education and Lifelong Learning" of the Greek National Strategic Reference Framework (NSRF) 2007-2013, European Social Fund (ESF), participation, 2009-2013.
- "Open courses of the Technological Educational Institute of Crete", Operational Programme: "Education and Lifelong Learning" of the Greek National Strategic Reference Framework (NSRF) 2007-2013, European Social Fund (ESF), participation, 2010-2013.
- "Integration of e-University Services", Operational Programme: "Digital Convergence" of the Greek National Strategic Reference Framework (NSRF) 2007-2013, European Social Fund (ESF), coordinator, 2009-2013.
- "Forest Fire Risk Management – ARTEMIS" project, European Commission, DG Environment, Nr. 07.0401/2007/482732/SUB/A3, researcher, 2008-2009.
- "Regional Innovation Pole of Crete", vertical action: Advanced Broadband Services & e-Business, (Measure 4.6, Action 4.6.1 of the Operational Program "Competitiveness" of the 3rd Greek Community Support Framework Program, as it was announced by the General Secretariat of Research and Technology of the Ministry of Development), researcher, 2007-2008.
- "Computational Intelligence for biopattern analysis in Support of e-Healthcare – BIOPATTERN", Information Society Technologies, 6th Framework Program, researcher, 2003-2007.
- "Archimedes II - Funding of research groups at TEI of Crete", Ministry of Education and Religious Affairs, Third Community Support Framework, researcher, 2005-2006.
- "Infrastructure exploitation to operate advance tele-education services in TEI of Crete", Information Society Program, Third Community Support Framework, coordinator, 2004-2006.
- "Equipment for the labs of Informatics in TEI of Crete", Information Society Program, Third

Community Support Framework, coordinator, 2003.

- "Development of advanced telecommunication services and upgrade of network infrastructure at TEI of Crete", Information Society, Third Community Support Framework, technical manager, 2000-2002.
- "Greek University Network (GUNet)", Ministry of National Education and Religious Affairs, Second Community Support Framework, technical manager for the TEI of Crete, 1997-2000.
- "Communication network for the TEI of Crete", Ministry of National Education and Religious Affairs, Second Community Support Framework, technical manager, (1996–2000).
- "Self-assessment of Department of Science- TEI of Crete", Ministry of National Education and Religious Affairs, Second Community Support Framework, participant, 1999.
- "Department of applied informatics & multimedia", Ministry of National Education and Religious Affairs, Second Community Support Framework, syllabus development, adviser.
- "Department of medical systems technology", Ministry of National Education and Religious Affairs, Second Community Support Framework, syllabus development, adviser.
- Various E.C. educational programs (ERASMUS/SOCRATES, TEMPUS, NOW & COMETT), as participant and coordinator (ICP-G-2009/11 for 1993-4).

Publications:

Refereed journals

- "Meta-rules and Uncertain Reasoning for Diagnosis of Epilepsy in Childhood", Emmanuil Marakakis, Kostas Vassilakis, Nikos Papadakis, Expert Systems with Applications, 37, 6979–6985, 2010.
- "A tool for removing unused arguments from logic programs automatically", E. Marakakis, K. Vassilakis and N., International Journal on Artificial Intelligence Tools (iJAIT), Vol 19, No 1, 39-63, 2010.
- "An Educational Model for Asynchronous E-Learning. A Case Study in a Higher Technology Education", D. Papachristos, N. Alafodimos, K. Arvanitis, K. Vassilakis, M. Kalogiannakis, P. Kikilias, E. Zafeiri, International Journal of Advanced Corporate Learning (iJAC), Vol 3, No 1, 32-36, 2010.
- "Adult Education and Lifelong Learning: A Greek Case Study", M. Kalogiannakis, C. Alafodimos, K. Vassilakis, D. Papachristos, St. Papadakis, E. Zafeiri, International Journal of Advanced Corporate Learning (iJAC), 2(4), 15-20, 2009.
- "Education and Technology in enterprises in the light of innovation as their competitive advantage: The introduction of eLearning / eTeaching systems", Papachristos D, Sifaki I, Kalogiannakis M, Alafodimos K, Vassilakis K, Polimenakou A, Tourism Issues, Vol 6, 71-91, 2008.
- "An Expert System for Epilepsy with Uncertainty", E. Marakakis, K. Vassilakis, E. Kalivianakis and S. Micheloyiannis, Journal of Artificial Intelligence and Machine Learning, Special Issue on AI & Specific Applications, ISSN:1687-4846, http://www.icgst.com/aiml/SpecialIssue, 2006.
- "Building E-services for Learning and Teaching by the Exploitation of an LMS System", Liodakis G, Kalogiannakis M, Psarros M, Vassilakis K, WSEAS Transactions on Communications 9(4):792-798, 2005.
- "Decision Support System for Classification of Epilepsies in Childhood", K. Vassilakis, Lagia Vorgia, S. Michelogiannis, Journal of Child Neurology, 17:357–363, 2002.
- "Classification of Epilepsies and Epileptic for children using computers", K. Vassilakis, S. Michelogiannis, Encephalos, 2:73-83, 2000.

Refereed Conferences
- "Metadata application profile for primary and secondary education in Greece", Poulakakis Y, Vassilakis K, Kalogiannakis M, Panagiotakis S, Proceedings of the 8th International Conference in Open & Distance Learning, Vol 8, No 4B, ICODL 2015, DOI: http://dx.doi.org/10.12681/icodl.74.
- "Extensible and efficient e-University solutions", Michael Kalochristianakis, Spyros Panagiotakis, Kostas Vassilakis, Proceedings of 7th International Conference on New Horizons in Industry, Business and Education, 161-168, NHIBE 2013.
- "Design considerations for developing e-University solutions based on open source software" Michael Kalochristianakis, Spyros Panagiotakis, Kostas Vassilakis, International Conference on Telecommunications and Multimedia, TEMU 2012.
- "Considerations for successful enterprise information systems deployment—The case of the Greek School Network", Kalochristianakis, M.; Varvarigos, E.; Vassilakis, K.; Paraskevas, M., Proceedings of the 9th International Conference on Service Systems and Service Management, 118-122 (DOI: 10.1109/ICSSSM.2012.6252204) ICSSSM 2012.
- "Asynchronous distance learning at TEI of Crete. A case study of students' satisfaction from the service", Michael Kalogiannakis, Spyros Panayotakis, Eirini Sifaki, Kostas Vassilakis,

Proceedings of the 6th International Conference in Open & Distance Learning (ICODL), 294-302, 2011.

- "Estimation of Workload for Academic Staff Members in T.E.I. of Crete", K. Savvakis, Ch. Athanasaki, K. Loulakakis, A. Malamos, I. Pachoulakis, K. Vasilakis, S. Drakoulakis and J. Kaliakatsos, Proceedings of 7th International Conference on New Horizons in Industry, Business and Education, 87-97, NHIBE 2011.
- "E-Learning in Tertiary Education: Aspects on Service Evaluation", Kostas Vassilakis, Spyros Panagiotakis, Michail Kalogiannakis, Proceedings of 7th International Conference on New Horizons in Industry, Business and Education, 73-79, NHIBE 2011.
- "Towards Synchronous Tele-Education: Solutions, Trends and Experience Gained", S. Panagiotakis, M. Kalogiannakis, N. Ripoll, K. Vassilakis, Proceedings of 3rd Annual Forum on e-Learning Excellence in the Middle East, 2010.
- "Deploying advanced VOIP application in an academic environment", Agiotakis D, Panagiotakis S, Vassilakis K, Liodakis G, Proceedings of 6th International Conference on New Horizons in Industry, Business and Education, 175-181, NHIBE 2009.
- "Asynchronous learning service evaluation: a case study at TEI of Crete", Vassilakis K, Psaroudakis N, Kalogiannakis M, Proceedings of the 6th International Conference on Networked Learning, 821-828, Halkidiki, May 2008.
- "A Formal Mechanism for Analysis and Re-Implementation of Legacy Programs", Maglaras D, Doerr D, Ware A, Vassilakis K, Papadourakis G, Proceedings of 26th IASTED International Multi-Conference on Applied Informatics (Software Engineering), Austria, Feb 2008.
- "Videoconference services in distant education: implementation & administration issues", M. Kalogiannakis, K. Vasillakis, G. Liodakis, Proceedings of the 4th International Conference in Open and Distance Learning (ICODL), 365-372, Athens, November 2007.
- "Meeting the Demand for Broadband Communications Engineers: The role of Academia", G. Liodakis, I. Vardiambasis, K. Vassilakis, J. Kaliakatsos, Proceedings of IEEE International Conference: Meeting the Growing Demand for Engineers and Their Educators 2010-2020, Munich, Germany on 9 - 11 November 2007.
- "Dissemination of innovation in an institution of tertiary education", K. Vassilakis and M. Kalogiannakis, Proceedings of the 5th International Conference on New Horizons in Industry Business and Education, 37-41, NHIBE 2007, Rhodes Island, August 2007.
- "Authorized HTTP Redirections among Heterogeneous Application Environments", D. Maglaras and K. Vassilakis, Proceedings of the 5th International Conference on New Horizons in Industry Business and Education, 297-299, NHIBE 2007, Rhodes Island, 2007.
- "Administrative and Technical Issues and Processes for Synchronous e-learning Provision", G. Liodakis, K. Vassilakis, M. Vourkas, J. Kaliakatsos, 8th International Conference on Computer Based Learning in Science (CBLIS), Heraklion, July 2007.
- "A method for removing unused arguments from logic programs", Marakakis E, Kounali H, Vassilakis K, Proceedings of the 10th IASTED International Conference on Artificial Intelligence and Soft Computing (ASC2006) 197-202, Palma de Mallorca, Spain 2006.
- "Approaches for the exploitation of the e-class platform in tertiary education in Greece", M. Kalogiannakis, K. Vasillakis, G. Liodakis, M. Psarros, International Conference on Telecommunications & Multimedia (CD with ISBN: 960-88785-2-7),TEMU July 2006.
- "An Expert System for Epilepsy with Uncertainty", Marakakis E, Vassilakis K, Kalivianakis E, Micheloyiannis S, ICGST Proceedings of the International Conference on Artificial Intelligence and Machine Learning, 72-78, Cairo 2005.
- "A medical decision support system with uncertainty: a case study for epilepsy classification", Marakakis E, Vassilakis K, Kalivianakis E, Micheloyiannis S, IFMBE Proceedings, Vol. 11. Prague: IFMBE, 2005. ISSN 1727-1983. Editors: Jiri Hozman, Peter Kneppo (Proceedings of the 3rd European Medical & Biological Engineering Conference), 4223-4228, EMBEC´05.
- "SIP Protocol: Impact on Telematics Industry and Educational Aspects", Liodakis G, Papoutsis J, Vardiabasis I, Vassilakis K, Antonidakis E, Proceedings of the 4th International Conference on New Horizons in Industry Business and Education (NHIBE), 709-718, Corfu 2005.
- "Asynchronous tele-teaching at TEI of Crete. Primary results of an empirical research", Vassilakis K, Psarros M, Kalogiannakis M, Proceedings of the 4th International Conference on New Horizons in Industry Business and Education (NHIBE), 216-221, Corfu 2005.
- "Design and Development of an Academic Course in Convergent Communication Systems and Services", Liodakis G, Vardiabasis I, Glentis G, Vassilakis K, Proceedings of the 2005 WSEAS International Conference on Engineering Education, 264-270, Athens 2005.
- "Teacher's Role in a Changing Education. A Case Study of Asynchronous Education at Technological Education Institute (TEI) of Crete", Kalogiannakis M, Psarros M, Vassilakis K, Proceedings of the 2nd International Conference Hand-on Science - Science in a Changing Education, 213-218, Rethymno 2005.

- "Decision support system as a tool to diagnose Epilepsies in children", K. Vassilakis, S. Micheloyannis, E. Marakakis, 1st European Workshop on the Assessment of Diagnostic Performance (invited speech), Milan, Italy, 7-9 July, 2004.
- "Evaluation of a Decision Support System for Epilepsies in Childhood", S. Voutoufianakis, K. Vassilakis, P. Vorgia, A Charoniti, S. Michelogiannis, 4th Congress of the European Pediatric Neurology Society (EPNS), Germany, 2001.
- "Decision support system for the Classification of Epilepsies and Epileptic Syndromes for children", K. Vassilakis, G. Papadourakis, S. Michelogiannis, Proceedings of the 4th International Conference on Neural Networks and Expert Systems in Medicine and Healthcare, pp 175-180, 2001.
- "Experience gained by the use of a computer diagnostic system for epilepsy", K. Vassilakis, S. Micheloyannis, 7th European conference on Epilepsy & Society, Athens, May 2000.
- "Expert Systems for Epilepsy Diagnosis", K. Vassilakis, S. Micheloyannis, 15th PanHellenic Neurologist's Conference, 1997.
- "A Proposed Automatic Medical Diagnostic System Using Neural Networks and Expert Systems", G.M Papadourakis, K.M. Vassilakis, S. Micheloyannis, A. Ware, Proceedings of the 2nd International Conference on Neural Networks and Expert Systems in Medicine and Healthcare, 256-263, 1996.

Books / Book chapters
- "Adapting multimedia clinical content to the terminal capabilities of wireless devices", Spyros Panagiotakis, Robert Agoutoglou, Kostas Vassilakis, chapter in "E-Healthcare Systems and Wireless Communications: Current and Future Challenge", Mohamed K. Watfa, under publication, 2011.
- "Empirical approaches on video-conference applications. Case study: TEI of Crete", M. Kalogianakis, K. Vassilakis, chapter in "Videoconference in the service of lifelong learning and distance education", P. Anastasiadis, Gutetenberg, Athens, 2008 (in Greek).
- "Approaches of Distance Learning in tertiary Education", K. Vassilakis, M. Kalogianakis, Atrapos, Athens, 2006 (in Greek).