SOFTWARE ENGINEERING AND INTERNET TECHNOLOGIES LABORATORY

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http://www.cs.ucy.ac.cy/seit

Lab Director:
Professor George A. Papadopoulos

Phone: + 357 22 892693
Mobile: + 357 99 433817
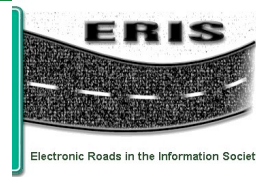Fax: + 357 22 892701
E-mail: george@cs.ucy.ac.cy

The Software Engineering and Internet Technologies Laboratory (SEIT) focuses its research activities on two important areas of Information Technology, namely Software Engineering and Internet Technologies. In the first area, SEIT concentrates on the development of Mobile Computing and Service Oriented Architectures, Context-Aware Middleware Platforms for Distributed, Heterogeneous and Embedded Systems and on ICT Networking and Context-Awareness for enhancing the Digital Enterprise in the Future Internet. The main focus on Scalable, Adaptive Context-Aware Middleware Platforms and Architectures contributes to the development of pervasive, self-adaptive Internet-based applications and services and Smart IoT applications. In the second area, the Laboratory concentrates on the development of ICT-enabled Creativity and Enhanced Learning Environments, platforms and tools for implementing Health monitoring and support services, Smart and Personalised services for Elders and Assistive Technologies for people with disabilities. The lab is also actively involved in activities related to E-Business, E-Government, Multimedia Communication Platforms, and Frameworks for elders' social inclusion, active ageing and independent living. SEIT was actively involved in 30 EU funded projects in numerous different programmes and attracted more than €5M in funding. The Laboratory currently occupies 10 personnel, including 4 post doctoral scientists and 4 PhD researchers, and has access to extensive hardware and software facilities.

Participation in the 2014-2020 Erasmus+ Programme

SEIT has extensive experience in the area of applying ICT (Information and Communication Technologies) to e-Learning, m-Learning and Open and Distance Learning in general as well as Life Long Learning in particular. This expertise is both at technical level and at developing policies and qualification frameworks for such activities. Regarding only the Erasmus+ related themes, it has participated so far in 13 Leonardo da Vinci projects, 3 EUMEDIS projects, 2 FP (Framework Programs), 1 INCO-DC and 3 projects funded by national funds. It has also participated in the EMUNI project ENPI/2009/226-479 (http://enpi.emuni.si/home) and the VUSCC initiative (http://www.vussc.info/) by COL (http://www.col.org/), both related to policy making or reform and qualifications accreditation. It has also participated in the Interreg IVC project Innofun, on developing policies and techniques for entrepreneurship and innovation. Finally, it is currently coordinating 2 Erasmus+ projects on strategic partnerships.

The Laboratory is strongly interested in participating in proposals related to the above areas of expertise and addressing the following priorities of Erasmus+: **entrepreneurship and innovation**, **digital skills and competence**, **use of ICT**, **qualifications recognition, vocational training** and **modernization of higher education systems**. In particular, we are interested in **Key Action 2 Knowledge and Sector Alliances**, **Strategic Partnerships**, and **Capacity Building** projects, and **Key Action 3** events on **Policy Reform**.

Department of Computer Science - Τμήμα Πληροφορικής
University of Cyprus - Πανεπιστήμιο Κύπρου

CJIS : Cultural Journeys in the Information Society. Duration: 1998-2001. Sponsor: European Union (INCO-DC). Funding: **€500,000**. URL: http://www.cs.ucy.ac.cy/project/cjis/

ERIS : Electronic Roads in the Information Society. Duration: 1998-2001. Sponsor: University of Cyprus. Funding: **€160,000**. URL: http://www2.cs.ucy.ac.cy/~eris/

idSpace: Tooling of and training for collaborative, distributed product innovation (STREP). Duration: 2008-2010. Sponsor: European Union (FP7 - ICT). Funding: **€1,800,000**. URL: http://www.idspace-project.org

INHERIT: Innovation in Training for Disadvantaged Young People in Rural Areas. Duration: 1999-2001. Sponsor: European Union (Leonardo da Vinci). Funding: **€200,000 EURO**. URL: http://www.cs.ucy.ac.cy/~inherit

UNITE: Unified eLearning environment for the school (STREP). Duration: 2006-2008. Sponsor: European Union (FP6 - IST). Funding: **€2,700,000**. URL: http://www.unite-ist.org

MVU: Mediterranean Virtual University. Duration: 2004-2006. Sponsor: European Union (FP5 - EUMEDIS). Funding: **€2,300,000**. URL: http://www.m ed-vu.org/

PSICO.COM: Management of psycho-pedagogical competences of the trainers of construction sector. Duration: 2008-2010. Sponsor: European Union (Leonardo da Vinci). Funding: **€275,185**. URL: http://www.psicocom.eu

AVICENNA: Avicenna Virtual Campus. Duration: 2002-2005. Sponsor: European Union (FP5 - EUMEDIS). Funding: **€3,000,000**. URL: http://avicenna.unesco.org/

MEDFORIST: Euro-Mediterranean Network for Sharing IST Learning Resources. Duration: 2002-2005. Sponsor: European Union (FP5 - EUMEDIS). Funding: **€1,200,000**. URL: http://medforist.intranets.com

OFTL Europe: Process of transferring the innovative aspects of the OFTL system. Duration: 2008-2010. Sponsor: European Union (Leonardo da Vinci). Funding: **€394,455**. URL: http://www.oftleurope.eu/

i-Campus: Interactive learning space to develop enterprise culture and professional skills. Duration: 2009-2011. Sponsor: European Union (Leonardo da Vinci). Funding: **€254,864**. URL: http://www.ecipar.ra.it/icampus

EU-Trainer: Interactive learning space to develop enterprise culture and professional skills. Duration: 2008-2009. Sponsor: European Union (Leonardo da Vinci). Funding: **€200,870**. URL: http://www.youth4media.eu/?page_id=3030

RADIO: Remote Action in Distributed Learning Environments. Duration: 2000-2001. Sponsor: European Union (Leonardo da Vinci). Funding: **€110,000**.

DISTRANET: Distance Training Dissemination Network. Duration: 2000-2001. Sponsor: European Union (Leonardo da Vinci). Funding: **€130,000**.	**BABACOOL-II:** The Back Office Trainer. Duration: 2000-2001. Sponsor: European Union (Leonardo da Vinci). Funding: **€120,000**.	**MMASTERS:** European Multimedia Masters. Duration: 2000-2001. Sponsor: European Union (Leonardo da Vinci). Funding: **€100,000**.	**WODLE:** Design and Development of an ODL-Based Environment for the Banking Sector. Duration: 1999-2001. Sponsor: Research Promotion Foundation, Cyprus. Funding: **€51,000**.
ERGADIKTYO: Virtual English School. Duration: 2005-2007. Sponsor: Research Promotion Foundation, Cyprus. Funding: **€70,000**.	**VICTORY:** A Virtual Enterprize as Electronic Platform to Multiply Results. Duration: 2000-2001. Sponsor: European Union (Leonardo da Vinci). Funding: **€95,000**. URL: http://www.iscn.at/select_newspaper/qa-systems/iscn_sztaki.html	**LOCALNET-II:** Managing Telework. Duration: 2000-2001. Sponsor: European Union (Leonardo da Vinci). Funding: **€120,000**.	**V-ALERT:** Using 3D to teach security issues. Duration: 2013-2015. Sponsor: European Union (Leonardo da Vinci). Funding: **€368,405**. http://www.cs.ucy.ac.cy/seit/index.php?p=valert
VALS: Virtual Alliances for Learning Society. Duration: 2013-2015. Sponsor: European Union (Leonardo da Vinci). Funding: **€533,337**. http://grial.usal.es/virtualalliances	**Innofun:** Funding policies to bring Innovation. Duration: 2012-2014. Sponsor: European Union (Interreg IVC). Funding: **€1,924,122**. URL: http://www.innofun.org		