

The Software Engineering and Internet Technologies (SEIT) Laboratory focuses its research activities on two important areas of Information Technology, namely Software Engineering and Internet Technologies. In the first area, SEIT focuses on Cloud Computing, Service Oriented Architectures, Context-Aware Middleware Platforms and Smart and Mobile Computing for the development of pervasive, self-adaptive applications and Smart IoT services. In the second area, the Laboratory concentrates on the development of ICT-enabled Environments, platforms and tools for implementing Health monitoring and support services, Smart and Personalised services for Elders, Assistive Technologies for people with disabilities and Creativity services. The lab also pursues activities related to Technology Enhanced Learning, E-Business, E-Government and developing environments for elders' social inclusion, active ageing and independent living. Finally, the lab's research is also related to Creativity, Recommender Systems and Crowd Sourcing.

Participation in the 2021-2027 Erasmus+ Programme

SEIT has extensive experience in the area of applying ICT (Information and Communication Technologies) to e-Learning, m-Learning, Blended 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.

SEIT has recently coordinated five ERASMUS+ projects (VeLoCiTy, World-of-Physics, DiFens, IDEA, wINGS) and currently coordinates two, CHAT2LEARN (begun in 2021) and CHILD (to begin in 2022). SEIT participates in 33 more Erasmus+ projects.

Regarding Erasmus+ related themes, SEIT 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. SEIT is currently participating in two AAL projects: eSticky, and GUIDed, and in one national project: ReaDI-STANCE, all of them related to different themes of the ERASMUS+ programme.

For the 2021-2027 programme, the Laboratory is strongly interested in participating in proposals related to the above areas of expertise and addressing the following Erasmus+ priorities:

From Key Action 2, Partnerships for Cooperation, including Cooperation Partnerships and Small-scale Partnerships; Partnerships for Excellence, including Centres for Vocational Excellence and Teachers Academy; Partnerships for Innovation, including Alliances and Forward-looking projects.

Most Recent SEIT Projects Related to Erasmus+ Themes:



SCICHALLENGE HORIZON 2020: The project focuses on developing novel concepts to actively integrate young people in science education using a contest-based approach to self-produced digital education materials from young people for young people. <https://www.scichallenge.eu/>



World-of-Physics Erasmus+ (SEIT Lab Coordinator): The World-of-Physics Erasmus+ project aims to assist students in studying the physics domain with the utilization of innovative technologies like virtual reality. <http://worldofphysics.etcenter.eu>



VeLoCiTy Erasmus+, Strategic Partnerships for adult education (SEIT Lab Coordinator): The project deals with the problem to find a job in another country which is derived from culture and ethnic differences. The main goal is to eliminate any barriers, providing equal opportunities to remotely attend a series of consulting courses through an innovative platform, and therefore facilitating the transition to world of work. <http://velocity-project.eu/>



EPUM - Emerging Perspectives on Urban Morphology: Researching and Learning through multiple practices Erasmus+: EPUM aims at the integration of different, often isolated urban form approaches through pedagogic innovation and Information and Communication Technology (ICT). <http://epum.eu/>



IDEA - Innovative Direction in Energy Advising Erasmus+, Strategic Partnership for adult education (SEIT Lab Coordinator): The objective of the project is to improve the quality of practices in the education of adults on the challenges and opportunities related to energy poverty eradication. www.project-idea.eu/



EASIER Erasmus+, Knowledge Alliances: EASIER involves higher education institutions and companies that will, for the first time, bring together different training technologies to provide a multi-skill learning experience for surgical and interventional education. This Knowledge Alliance proposes an innovative solution for teaching and learning technical and nontechnical skills based on TEL. www.easier-project.eu/



DiFens Erasmus+ (SEIT Lab Coordinator): The DiFens project concept is to elaborate such comprehensive, accessible and feasible outputs, which will navigate young people - potential young entrepreneurs and young entrepreneurs - in the process of utilizing ICT technologies in their business. <http://difens-project.eu/>



VALS will define sustainable processes to build knowledge partnerships between Higher Education (HE) and companies to collaborate on resolving real business problems through open innovation mediated by the use of Open Source Software (OSS). <http://virtualalliances.eu/>



V-ALERT aims at providing enterprises employees and ICT users with an immersive, cost-effective and innovative virtual learning environment that will fully support life-long learning in Information Security principles. <http://valert.cs.ucy.ac.cy/>



Innofun's aims at a methodology and digital tool, whose task is to improve regional policies concerning innovation funding, to achieve the goal of making the selection criteria flexible and reducing the communication gap between innovation and finance/market/people. <http://innofun.org/>



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



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



MEDFORIST Euro-Mediterranean Network for Sharing IST Learning Resources
Duration: 2002-2005
Sponsor: European Union (FP5 - EU-MEDIS)
Funding: €1,200,000
[Website](#)



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