

SITI IN A NUTSHELL

SITI is a Research and Development Unit from the School of Communication, Arts and Information Technologies, focused on Informatics Sciences.

Our vision: To bring into life disruptive and yet simple concepts and mechanisms that will change the way that Information and Communications Technologies (ICT) are perceived today.

Our mission: to contribute with low-cost, user-friendly solutions that will change the way informatics systems and technologies are perceived today.

Our methodology: SITI researches and develops both tailored solutions suitable to partners and advanced innovation.

SITI considers three main R&D tracks (networks and systems; digital media; digital economy) and is organized in 2012 in three research teams:

- IAN: Internet Architectures and Networking
- SIM: Social Interactive Media
- DYSS: Dynamic Software and Services

SITI has the following goals:

- To assist in the development of national critical mass, by providing advanced and out-of-the-box educational courses, programmes, and training activities, as well as by building a network of excellence based upon international scientific partnerships.
- To assist in strengthening synergies between national industry and researchers, by continuously pursuing activities of dissemination within the scientific community and appealing to the younger researchers.
- To conceive, to validate, and to bring into life disruptive technology and solutions having in mind the development of new, user-centric business opportunities.
- To contribute to the simplification of the innovation cycle development and to influence standards adoption in what concerns the means by which disruption is currently perceived.

OFFERS & OPPORTUNITIES

Students

- MSc and PhD thesis hosting
- Hands-on Workshops
- Seminars, Interest Groups
- Advanced Training

Industry Partners

- Innovation Partnerships
- Technology Transfer
from idea to product
- Standardization and patenting
- New business models

Academic Partners

- Innovation Partnerships
- Know-how exchange
- Student exchange
- Interest Groups
- Standardization

R&D LABS

In IAN, nomadic people become the center of the networking system. Users on the move are part of communities and will not only be consumers of information but also active providers of different Internet services, such as coordination of connectivity to different access networks.



- Cooperative Networking
- Network structures and Dynamics

SIM vision relates to providing people with an augmented and user-centric sense of reality through technology. Within such vision is an urban, highly dynamic and fully connected Internet user, actively involved as “prosumer” (provider and consumer of digital content). SIM has as mission to promote and to lead innovation related to the user experience and immersion in interactive media.



- Social interaction design
- Immersive technology

DYSS explores dynamic composition of software and services under realistic and collaborative evaluation scenarios, where a high degree of control over the environmental conditions is feasible. To reach such vision DYSS pursues the mission of developing flexible services and modular software, capable of accommodating in a scalable way different networking environments.



- Flexible service platforms
- Open-source systems

2012 EVENTS

S-BRAIN meeting

S-BRAIN meetings

Every 2nd wednesday, 14h30-16h

Room U.O.13, building U, Universidade Lusófona

S-BRAIN (SITI BRAINstorming) meetings occur regularly every 15 days, Tuesdays, 14h30 - 16h. S-BRAIN meetings are dedicated to the brainstorming on topics related to the three SITI main R&D tracks. The meeting comprises a presentation of 30m-40m followed by open-mic discussion.

ArdWorks – Arduino Hands-on Workshops

<http://www.ardworks.eu>

SITI, Universidade Lusófona

Location: COWORK Lisboa, Lx Factory. Rua Rodrigues Faria, nº 35, Lisboa

ArdWorks is a series of Hands-on Arduino workshops which has as main goal to ignite augmented reality development based on low-cost and user-friendly technology. ArdWorks is targeted to students, geeks, teachers, or simply people willing to learn more about interactive technologies.

- November 2012, Lx Factory open day – SHOW-ROOM



<http://siti.ulusofona.pt/api>

API is a Portuguese scientific and technological support action that aims at strengthening ongoing work and discussion on the topic of Internet architectures and networking, providing a means to ignite discussion around varied R&D topics that are being pursued by different R&D entities in Portugal both in industry and in academia.

Open Positions:

<http://siti.ulusofona.pt/component/content/article/111>