

# The Intensive Program on Information Communication Security 19.07.2010 – 30.07.2010 Samos, Greece



The IPICS academic summer school is a **two weeks course** for Master`s students in their final year, PhD students and IT professionals interested in a comprehensive overview and broad coverage of recent developments in “Information and Communication Security”. **In 2010 the IPICS will be hosted by the Department of Information and Communication Systems Engineering, University of the Aegean at Samos.**

## Objectives of IPICS

1. Promoting a cross-disciplinary view of security
2. Creating a European culture of security education
3. Stimulating Research in all related disciplines

## IPICS...

...stands for Intensive Programme on Information and Communication Systems Security. Originally, it started as an ERASMUS Intensive Programme activity.

IPICS has been held, in several places around Europe (1998: Vienna, 1999: Chios, 2000: Stockholm, 2001: Samos, 2002: Samos, 2003: Malaga, 2004: Graz, 2005: Chios, 2006: Leuven, 2007: Glamorgan, 2008: Regensburg, 2009: Vienna). For almost a decade IPICS has also been held as a winter school at the University of Oulu, Finland.

This summer IPICS will take place at the University of the Aegean at Samos, Greece.

## IPICS offers...

### ...a European Culture of Security education

The IPICS teachers have developed a curriculum for a European Master`s Programme on Information and Communication Security within the framework of the Erasmus Programme. The last years IPICS have been the platform for developing education in IT security and keeping pace with new emerging threats to the networked world.

### ...a cross-disciplinary view of IT security

Security experts from a wide range of back-grounds address security from all of its facets, mathematical, engineering, legal, social, and managerial. Most of the lecturers have been involved in large projects and acted as consultants for industry or governmental agencies.

### ...stimulating research, development and exchange

IPICS is intended to mainly address postgraduate students and high level professionals. Participants come from a mixed background - from business informatics to IT engineering - with different competences and varying knowledge. IPICS will take place in a very inspiring academic atmosphere where students and teachers meet to discuss recent advances in the security of information and communication systems.

## Topics

- Authorization & Access Control
- Business Continuity
- Cybercrime - Usability of Security
- Certification in Information Security: CISSP, CISA, CISM. How useful are certifications for professionals and academics
- Corporate Forensics
- Cryptology
- Cultural Aspects of Security
- Data Protection in the Electronic Society
- Digital Forensics & Incident Response
- Economics of Security
- How 'Smart' a Smart card Attack has to be?"
- Identity Management
- Internet of Things
- Intrusion Prevention, Detection & Response
- IT Auditing
- Mobile Wireless Network Security
- Network Security
- PKI and PMI
- Practical Security Lab
- Privacy Enhanced Identity Management and Transparency Enhancing Technologies
- Risk Management
- Security Awareness
- Security Standards
- Wireless Sensors Network Security



## Participation from IPICS partner institutions

IPICS targets students of late Master or early PhD studies in computer science, business informatics, IT engineering, and business. If you are enrolled at an IPICS partner university and selected by your local IPICS lecturer you will qualify for participation in IPICS 2010 paying only a small fee of **50 Euros**. Your grant will cover travel cost, housing, breakfast and a light lunch, participation in the courses and the social programme, as well as all teaching material. All other participants will need to pay for themselves.

## Participation from non IPICS partner institutions

There is a limited number of places for students from non IPICS partner universities available. If you are not enrolled with an IPICS University but interested to participate you have to apply with the local coordinator of IPICS 2010. The selection process is non-formal. There is a participation fee of **1000 Euros** required from all external students. Included in this fee are all lectures, lecture materials, social events, housing, breakfast and light lunch. Travel costs are not covered.

## Important Dates and Deadlines:

- **15.05.2010:** Application deadline for students from IPICS institutions
- **15.05.2010:** Application deadline for students from non-IPICS institutions
- **30.05.2010:** Application decision information
- **19.07.2010:** Start of IPICS
- **30.07.2010:** End of IPICS

*Organized by Department of Information & Communication Systems Engineering, University of the Aegean, Greece 2010*

## Contact

### Local IPICS Organisers

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### IPICS coordinator

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**More information:** <http://www.icsd.aegean.gr/ipics2010/>

