

theme-topics

Internet-connected systems are subject to millions of online attacks every day. Internet users on the other hand are plagued by malware, spam, phishing, and other malicious activities. Besides the constantly increasing number of security incidents, we are witnessing a steady rise in attack sophistication. During the last few years, there has been a decline in the number of massive easy-to-spot global epidemics, and a shift towards more targeted and evasive attacks. At the same time, cyber-criminals, motivated by significant financial gains, constantly devise new deception and exploitation methods. **Raising awareness and understanding the issues involved is of paramount importance.**

The European Network and Information Security Agency (ENISA) and the Institute of Computer Science of the Foundation for Research and Technology - Hellas (FORTH-ICS) welcome you to the jointly organized Summer School on Network and Information Security. The Summer School's aim is to bring together experts in Information Security, policy members from EU Member States and EU Institutions, decision makers from the industry as well as members of the research and academic community.

Each year the Summer School will have a special "Theme" which will focus the topics, steer the selection of speakers, and guarantee that every year the Summer School provides a fresh look at cutting-edge and interesting topics. The Theme for the 2008 Summer School is "Network Security".

The Theme of the 2008 Summer School is "Network Security". Topics of the Summer School include:

- **Emerging and Future Threats**
 - Botnets, Spam, Phishing, Cross-network attacks, Virtualisation
- **Security of Network Technologies and Protocols**
 - Firewalls and Virtual Private Networks (VPNs)
 - Routing and Domain Name Server (DNS) Security
 - Deployment and transitional Security issues with IPv6
- **Security in Next Generation Networks**
 - Authentication, authorization, and access control
 - Security in heterogeneous networks
- **Wireless Access Network Security**
- **Best Practices in Securing ISP networks**
 - Security Policies and Models
 - Risk Analysis and Management
 - Business Continuity Planning
 - Network Configuration best practices
- **Legal/Policy Issues related to Network Security**
 - Lawful Interception
 - Breach Notification
 - Cybercrime and Law Enforcement Agencies
 - Forensics
 - Privacy issues
- **Computer Emergency Response Teams (CERTs) Services**
- **Privacy and Anonymity in a Networked World**
 - User's interaction with Network Security: e-Commerce, e-Voting, e-Governance
- **Economic issues of Network Security**
 - Incentives and Barriers
- **Case Studies**
 - The Insider Problem



committees

STEERING COMMITTEE

- **Mr. Andrea Pirotti**, Executive Director of ENISA, EU
- **Prof. Constantine Stephanidis**, Director of FORTH-ICS, GR

SCIENTIFIC COMMITTEE

- **Dr. Sotiris Ioannidis**, FORTH-ICS, co-chair, GR
- **Dr. Panagiotis Trimintzios**, ENISA, co-chair, EU

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- **Prof. Ross Anderson**, Cambridge Univ., UK
- **Prof. Angelos Bilas**, FORTH-ICS, GR
- **Prof. Matt Bishop**, University of California, Davis, USA
- **Dr. Alain Esterle**, ENISA, EU
- **Prof. Giusella Finocchiaro**, University of Bologna, IT
- **Prof. Theodoulos Garefalakis**, FORTH-IACM, GR
- **Dr. Jaap-Henk Hoepman**, Radboud University Nijmegen, NL
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- **Prof. Antonio Lioy**, Politecnico di Torino, IT
- **Prof. Evangelos Markatos**, FORTH-ICS, GR
- **Dr. Evangelos Ouzounis**, ENISA, EU
- **Prof. Sachar Paulus**, SAP AG, DE
- **Prof. Norbert Pohlmann**, Univ. of Applied Sciences Gelsenkirchen, DE
- **Prof. Reinhard Posch**, TU Graz, IAIC, AT
- **Prof. Jacques Stern**, ENS/DI, FR
- **Prof. Apostolos Traganitis**, FORTH-ICS, GR
- **Prof. Louise Yngstrom**, Stockholm Univ., SE

speakers

WELCOME ADDRESS

- **Mr. Andrea Pirotti**, Executive Director of ENISA, EU
- **Prof. Constantine Stephanidis**, Director of FORTH-ICS, GR
- **Dr. Sotiris Ioannidis**, FORTH-ICS, GR
- **Dr. Panagiotis Trimintzios**, ENISA, EU

KEYNOTE SPEAKERS

- **Dr. Jorgo Chatzimarkakis**, Member of the European Parliament, EU
"Network and Information Security - Challenges for EU Policymakers"
- **Lord Toby Harris**, House of Lords, UK
"Public Confidence is Endangered unless Information Security is Central to Risk Management"
- **Mr. Mikko H. Hypponen**, Chief Research Officer, F-Secure, FI
"Fighting Organized Online Crime"

DISTINGUISHED LECTURERS

- **Dr. Janet Beattie**, Glen Abbot Ltd, UK
"Business Continuity Planning"
- **Prof. Steven Bellovin**, Columbia Univ., USA
"Newspeak: A Paradigm for Architectural Security"
- **Prof. Levente Buttyan**, Budapest Univ. of Technology & Economics, HU
"Security in wireless sensor and mesh networks"
- **Mr. Ilias Chantzios**, SYMANTEC, BE
"Policy Issues related to Network Security"
- **Dr. Richard Clayton**, Cambridge Univ., UK
"Security Economics and Network Security"
- **Dr. Myriam Dunn**, ETH Zurich, CH
"Critical (Information) Infrastructure Protection: History, Trends, and Concepts"

- **Ms. Anne-Marie Eklund-Lowinder**, .SE, SE
"DNSSEC the .SE way: Overview, deployment and lessons learned"
- **Prof. Giusella Finocchiaro**, University of Bologna, IT,
"Main Legal Issues Concerning Information Security"
- **Prof. Angelos Keromytis**, Columbia Univ., USA
"Denial of Service Attacks and Resilient Overlay Networks"
- **Prof. Evangelos Markatos**, FORTH-ICS, GR
"Emerging Risks in Network and Information Systems Security"
- **Mr. Panagiotis Saragiotis**, ENISA, EU
"Open Doors to Technologies Enhancing Network Resilience"
- **Prof. Bart Preneel**, Katholieke Universiteit Leuven, BE
"Cryptographic Algorithms and Protocols for Network Security"
- **Prof. Vassilis Prevelakis**, Technische Universitat Braunschweig, DE
"Lessons Learned from the Vodafone Wiretapping Incident"
- **Dr. Wietse Venema**, IBM, USA
"Forensic discovery of hosts and networks"
- **Prof. Paulo Verissimo**, Univ. of Lisbon, PT
"Challenges of Architecting Resilient Critical Information Infrastructures"
- **Dr. Claire Vishik**, Intel, UK
"Building Secure E-commerce Systems"
- **SSA David West**, FBI Cyber Division / Computer Intrusion Unit, USA
"Overview of Cyber Crime in Networked Environments"
- **Mr. Ken Van Wyk**, Outbreak Security, LLC, Board Member at FIRST and FIRST.org, Inc., & Carnegie Mellon University, USA
"The essential role of incident response in secure software development"



about ENISA

ENISA is mandated to assist the European Union and its Member States in ensuring the higher levels of network and information security.

The Agency's tasks are focused on collecting and analysing data on security

incidents and emerging risks, establishing public/private partnerships with industry, promoting risk assessment methods and best practices and tracking the development of standards for products and services in the Network and Information Society.

<http://enisa.europa.eu>

ENISA - defending the future

Every day people experience the Information Society. Interconnected networks are touching our everyday lives, at home and at work. It is therefore vital that e.g. computers, mobile phones, banking, high-tech cars and the Internet are functioning, as they constitute the "Digital Economy." That is why ENISA is working with Network and Information Security for the EU and the Member States.

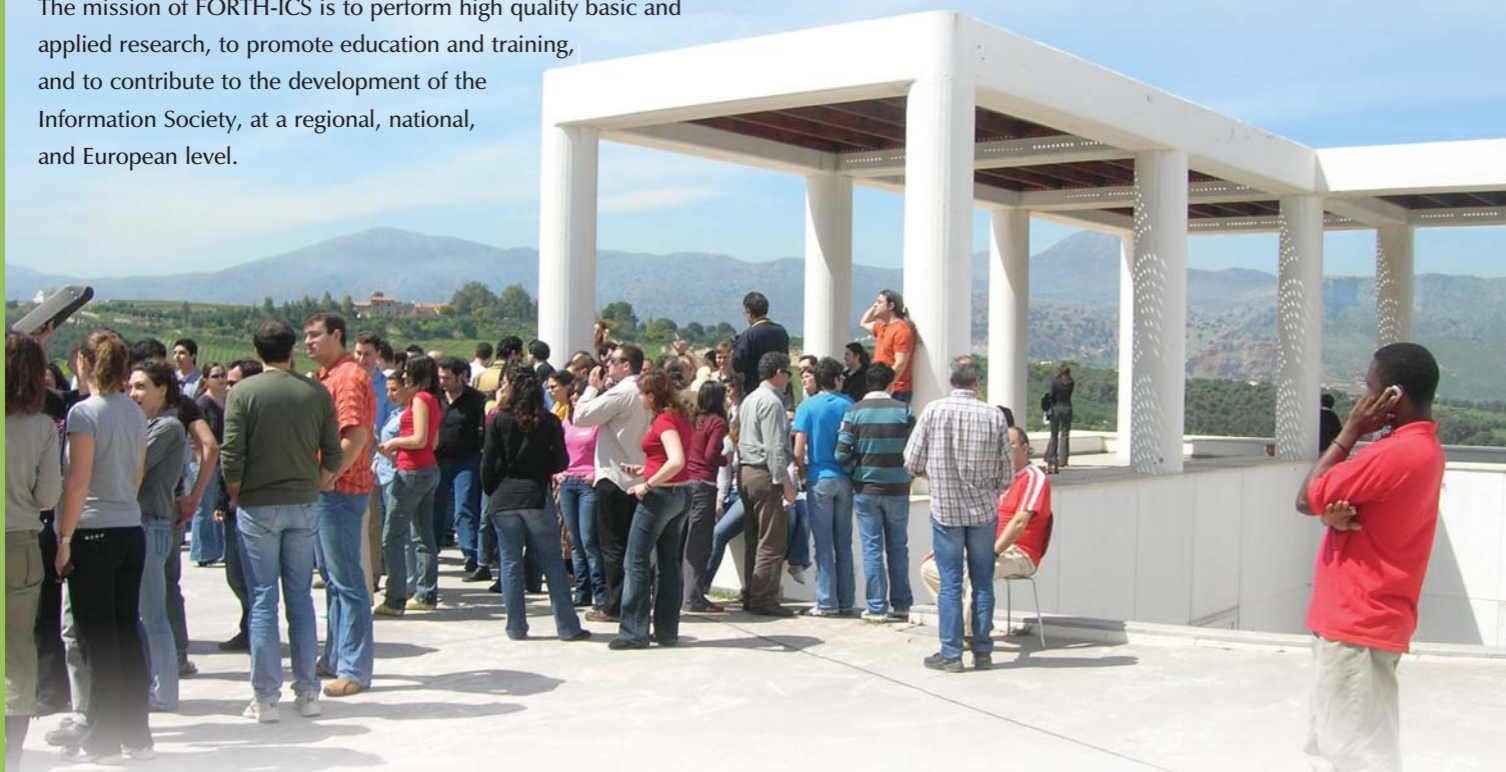
about FORTH-ICS

The Institute of Computer Science (ICS) is one of the seven institutes of the Foundation for Research and Technology - Hellas (FORTH), a major national research centre partly funded by the General Secretariat for Research and Technology of the Hellenic Ministry of Development.

The mission of FORTH-ICS is to perform high quality basic and applied research, to promote education and training, and to contribute to the development of the Information Society, at a regional, national, and European level.

<http://www.ics.forth.gr>

Since its establishment in 1983, FORTH-ICS has had a long history and recognized tradition in conducting basic and applied research, and playing a leading role, in Greece and internationally, in the field of Information and Communication Technologies.



ENISA - FORTH Summer School on Network & Information Security

15-19 September 2008, Crete, Greece

Promoting a culture of security: mitigating risks through awareness.

ENISA and FORTH-ICS invite you to the **1st Network and Information Security (NIS) Summer School**, to be held in Crete, Greece.

To register visit:

www.nis-summer-school.eu

venue

The **Summer School on Network and Information Security (NIS)** will take place in Hersonissos, a small town close to Heraklion city, Crete, Greece. The venue of the Summer School is Aldemar Knossos Royal Village (www.aldemarhotels.com).

