Preface

SECURWARE 2008

The Second International Conference on Emerging Security Information, Systems and Technologies (SECURWARE 2008), held between August 25 and August 31, 2008 in Cap Esterel, France, was an event covering related topics on theory and practice on security, cryptography, secure protocols, trust, privacy, confidentiality, vulnerability, intrusion detection and other areas related to law enforcement, security, data mining, malware models, etc.

Security, defined for ensuring protected communication among terminals and user applications across public and private networks, is the core for guaranteeing confidentiality, privacy, and data protection. Security affects business and individuals, raises the business risk, and requires a corporate and individual culture. In the open business space offered by the Internet, there is a need to improve deficiencies against hackers, disgruntled employees, and commercial rivals. There is a required balance between the effort and resources spent on security versus security achievements. Some vulnerability can be addressed using the rule of 80:20, meaning 80% of the vulnerabilities can be addressed for 20% of the costs. Other technical aspects are related to the communication speed versus complex and time consuming cryptography/security mechanisms and protocols.

As a multi-track event, SECURWARE 2008 served as a forum for researchers from the academia and the industry, professionals, standard developers, policy makers and practitioners to exchange ideas. The topics were on techniques and applications, best practices, awareness and experiences as well as future trends and needs (both in research and practices) related to all aspects of information security, security systems and technologies.

SECURWARE 2008 had the following tracks:

- **ARCH**: Security frameworks, architectures and protocols
- **SECMAN**: Security management
- **SECTECH**: Security technologies
- **SYSSEC**: System security
- **INFOSEC**: Information security
- **MALWA**: Malware and Anti-malware
- **ANTIFO**: Anti-forensics
- **PRODAM**: Profiling data mining
- **SECHOME**: Smart home security
- **SECDYN**: Security and privacy in dynamic environments
- **ECOSEC**: Ecosystem security and trust
- **CRYPTO**: Cryptography

SECUREWARE 2008 also included:

- **DEPEND 2008**: The First International Workshop on Dependability and Security in Complex and Critical Information Systems

We welcomed technical papers presenting research and practical results, position papers addressing the pros and cons of specific proposals, such as those being discussed in the standard forums or in industry consortia, survey papers addressing the key problems and solutions on any of the above topics, short papers on work in progress, and panel proposals.
We take here the opportunity to warmly thank all the members of the SECURWARE 2008 technical program committee as well as the numerous reviewers. The creation of such a broad and high quality conference program would not have been possible without their involvement. We also kindly thank all the authors that dedicated much of their time and efforts to contribute to SECURWARE 2008. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

This event would not have been possible without the support of many individuals, organizations and sponsors. We gratefully thank the members of the SECURWARE 2008 organizing committee for their help in handling the logistics and for their work that is making this professional meeting a success.

We hope that SECURWARE 2008 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in security technologies and applications research.

We hope Côte d’Azur provided a pleasant environment during the conference and everyone saved some time for exploring the Mediterranean Coast.

**SECURWARE 2008 Chairs**
Nikolaos Chatzis, Fraunhofer Institute FOKUS, Germany [SECTECH]
André Cotton, Thales Communication, France
Bogdan Ghita, University of Plymouth, UK
Antonio F. Gómez Skarmeta, University of Murcia, Spain
Mihaela Ion, CREATE-NET, Italy [ECOSEC]
Achilles Kameas, Hellenic Open University / Computer Technology Institute, Greece
Luminita Moraru, University of Geneva, Switzerland [SYSSEC]
Lourdes Peñalver, Polytechnic University of Valencia, Spain
Jean Marc Seigneur, University of Geneva and Venyo, Switzerland [TRUST]
Masaru Takesue, Hosei University, Japan, [INFOSEC]
Luca Vigano, Università di Verona, Italy