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Workshop in Information Security Theory and Practices 2007: Smart Cards,
Mobile and Ubiquitous Computing Systems

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A networking meeting to discuss proposals for the EU FP7

Heraklion, Crete, Greece

May 9-11, 2007

Workshop URL: <http://wistp2007.xlim.fr/>

WISTP2007 is:

- Co-Sponsored by IFIP TC6 Communications Systems
- Co-Sponsored by IFIP WG 8.8 Smart Cards
- Co-Sponsored by IFIP WG 11.2 Small System Security
- Co-Sponsored by The British Computer Society
- In Cooperation with the IEEE Computer Society, Technical Committee on Security and Privacy (TCSP)
- In Cooperation with the IEEE Computer Society, Task Force on Information Assurance (TFIA)
- In Cooperation with the IEEE Systems, Man, and Cybernetics Society, Technical Committee on Information Assurance & Intelligent Multimedia-Mobile Communications
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WISTP2007 Background and Goals:

With the rapid technological development of information technologies, computer systems and especially embedded systems are becoming more mobile and ubiquitous, increasingly interfacing with the physical world. Ensuring the security of these complex and yet, resource constraint systems has emerged as one of the most pressing challenges.

The aim of this first workshop is to bring together researchers and practitioners in related areas and to encourage interchange and cooperation between the research community and the industrial/consumer community.

The workshop will consist of technical paper presentations, one special session for student papers and five invited talks.

To contribute to the structuring of the community, a networking meeting to discuss EU FP7 projects proposals will take place just after the workshop.

Topics of interest include, but are not limited to:

A. Smart Cards and Trusted Devices Security

- * Biometrics, National ID cards
- * Embedded Systems Security and TPMs
- * Interplay of TPMs and Smart Cards
- * New Applications for Secure RFID Systems

- * RFID Systems Security
- * Smart Card Security
- * Smart Card Applications

B. Ad Hoc and Mobile Networks Security

- * Ad Hoc Networks Security
- * Delay-Tolerant Network Security
- * Domestic Network Security
- * Mobile Codes Security
- * Mobile Devices Security
- * Security Issues in Mobile and Ubiquitous Networks
- * Security of GSM/GPRS/UMTS Systems
- * Sensor Networks Security
- * Vehicular Network Security
- * Wireless Communication Security (WiFi, WiMAX, WiMedia, others)

C. Ubiquitous Computing Systems Security

- * Distributed Systems Security
- * Grid Computing Security
- * Intrusion Detection and Information Filtering
- * Peer-to-Peer Networks Security

D. Security Protocols, Policies and Management for Mobility

- * Critical Infrastructure (e.g. for Medical or Military Applications) Security
- * Digital Rights Management (DRM)
- * Industrial and Multimedia Applications
- * Information Assurance
- * Localization Systems Security (Tracking of People and Goods)
- * New Applications of Secure Systems
- * Public Administration and Governmental Services
- * Security Models and Architecture
- * Security Policies (Human-Computer Interaction and Human Behavior Impact)
- * Security Protocols (for Identification and Authentication, Confidentiality and Privacy, and Integrity)
- * Security Measurements
- * Trust Management

Submission Details:

Authors are invited to submit original papers (written in english) not previously published nor submitted in parallel for publication to any other conference, workshop or journal. All submissions will be subjected to thorough blind review by at least three reviewers (if the paper involved a Program Committee member, the paper will be reviewed at least by five reviewers). All submitted papers should be anonymous with no author(s) names, affiliations, acknowledgments, nor obvious references. Each paper should begin with a title, a short abstract, and a list of keywords, following the template indicated by Springer at:

<http://www.springer.de/comp/lncs/authors.html>

The papers will be in .pdf format, at most 10 pages long excluding bibliography and well-marked appendices, and at most 14 pages long in total, using at least 11-point fonts with reasonable margins. As the reader should not be required to read any appendices, the paper should be intelligible even without them.

20 papers will be accepted for presentation at the workshop (they will be included in the proceedings) and 12 additional papers will be selected to be presented as A1 poster at the workshop (they will NOT be included in the proceedings).

If a submitted paper is mainly the result of the work of a student author, this paper could have the chance to be selected as "Best student paper" (even if the paper has been written with senior co-authors).

To participate to this selection process, please add the word "STUDENT" in the affiliation field in the submission form.

At least one author of each accepted paper is required to register with the Conference and present the paper. For authors presenting multiple papers, one normal registration is valid for up to two papers. For electronic paper submission please use the following URL:
<https://wistp2007.xlim.fr/wistp2007/ichair/>

Awards:

- * Best student paper: 400€ + a CD-Rom version of the Handbook of Information Security
- * Best workshop paper: 400€ + a CD-Rom version of the Handbook of Information Security
- * Best innovative technology: Gift + a CD-Rom version of the Handbook of Information Security

Authors of the best works in the Smart Card domain selected by the PC co-chairs of the international conference Cardis'2008 (François-Xavier Standaert, Gilles Grimaud) will be encouraged to submit extended and significantly revised versions at Cardis'2008.

Some accepted papers written by French-speaking authors will be published in a journal of the SEE (in a french version).

Important Dates:

- Intention of submission: ASAP. Send a mail to wistp2007sec@xlim.fr
- Intention of attendance: ASAP. Send a mail to wistp2007sec@xlim.fr
- Paper submission: February 1st, 2007 (23h59 UTC) - firm -
- Notification: March 1st, 2007
- Author Registration: March 3rd, 2007
- Camera-ready papers: March 5th, 2007

WISTP2007 Committees and Chairs:

- Workshop Organization Chair:
Damien Sauveron. XLIM, University of Limoges, France
- Workshop Organizing Committee:
Angelos Bilas. FORTH-ICS & University of Crete, Greece
Konstantinos Markantonakis. ISG-SCC, Royal Holloway University of London, UK
Damien Sauveron. XLIM, University of Limoges, France
- Workshop Program co-chairs:
Jean-Jacques Quisquater. DICE, Catholic University of Louvain, Belgium
Konstantinos Markantonakis. ISG-SCC, Royal Holloway University of London, UK
- Workshop Program Committee:
François Arnault. XLIM, University of Limoges, France
Angelos Bilas. FORTH-ICS & University of Crete, Greece
Christophe Bidan, SSIR, Supélec, France
Pierre-François Bonnefoi. XLIM, University of Limoges, France
Serge Chaumette. LABRI, University Bordeaux 1, France
Tassos Dimitriou, Athens Information Technology, Greece
Pierre Dusart. XLIM, University of Limoges, France
Eduardo Fernández-Medina Patón. Alarcos Research Group, University of Castilla-La Mancha, Spain
Theodoulos Garefalakis, Department of Mathematics, University of Crete, Greece
Dieter Gollmann. Security in Distributed Applications, Institutes of the TU Hamburg-Harburg, Germany
Stefanos Gritzalis. Info-Sec-Lab, University of the Aegean, Greece
Olivier Heen. Security Laboratory, Thomson R&D, France
Sokratis Katsikas. Info-Sec-Lab, University of the Aegean, Greece
Javier Lopez. Computer Science Department, University of Malaga, Spain
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Pierre Paradinas. CEDRIC, CNAM, France

Kenny Paterson. ISG, Royal Holloway University of London, UK

Joachim Posegga, Security in Distributed Systems, University of Hamburg, Germany

Jean-Jacques Quisquater. DICE, Catholic University of Louvain, Belgium

Pierangela Samarati. Department of Information Technologies, University of Milan, Italy

Damien Sauveron. XLIM, University of Limoges, France

Paulo Jorge Esteves Verissimo, LASIGE, University of Lisboa, Portugal

Keynote Speakers:

- Professor Fred Piper, ISG (Information Security Group), Royal Holloway University of London, UK

- Professor Jean-Pierre Hubaux, LCA (Laboratory for computer Communications and Applications), EPFL, Switzerland

- Stephanie Manning, Chief Engineer, Research and Development, Vodafone Group Services Limited

- TBA

Opportunities for students:

To help the students looking for a PhD thesis or a postdoctoral position, we will propose them to add a colorized sticker on their badge. In the same way, we will propose to persons offering these positions to add a sticker with a different color. We hope this mechanism will help to support the exchanges between young and senior researchers.

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We hope you will be interested by this event.

For further inquiries, please contact the secretariat at wistp2007sec@xlim.fr