

IEEE WiMob 2008

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SecPri_WiMob 2008

International Workshop on Security and Privacy in Wireless and Mobile Computing, Networking and Communications

October 12, 2008, Avignon, France

www.aegean.gr/SecPri_WiMob_2008

Aims and Scope

Wireless and Mobile communication networks offer organizations and users several benefits, such as portability, mobility and flexibility, while increasing everyday business productivity, and reducing installation cost. Wireless Local Area Networks, for instance, have been used in various environments, such as business, home, conference centers, airports and many more, allowing users to move from place to place, avoiding cabling restrictions and without being disconnected from the network. Ad Hoc Networks are collections of wireless computers communicating among themselves over possibly multihop paths, without the help of any infrastructure such as base stations or access points; these networks allow data synchronization with network systems and application sharing between devices. Mobile Ad Hoc Networks are autonomous collection of mobile entities that communicate over relatively bandwidth constrained wireless links, establishing survivable, efficient, dynamic communication for emergency operations. Wireless Ad Hoc Sensor Networks consist of a number of sensors spread across a geographical area, offering certain capabilities and enhancements in operational efficiency in civilian applications, as well as assisting in international effort to increase alertness to potential threats.

However, although Wireless and Mobile communication environments eliminate many of the problems associated with traditional wired networks, the new security and privacy risks introduced by such environments need to be reduced by exploiting appropriate security measures and safeguards, ensuring an acceptable level of overall residual hazard.

The objectives of the [SecPri_WiMob 2008](#) Workshop are to bring together researchers from research communities in Wireless and Mobile Computing, Networking and Communications, Security and Privacy, with the goal of fostering interaction.

List of topics

We welcome the submission of papers from the full spectrum of issues related with Security and Privacy in Wireless and Mobile Computing, Networking and Communications. Papers may focus on protocols, architectures, methods, technologies, applications, practical experiences, simulation results and analysis, theory and validation on topics include, but not limited to:

- Cryptographic Protocols for Mobile and Wireless Networks
 - Key Management in Mobile and Wireless Computing
 - Reasoning about Security and Privacy
 - Privacy and Anonymity in Mobile and Wireless Computing
 - Public Key Infrastructure in Mobile and Wireless Environments
 - Economics of Security and Privacy in Wireless and Mobile environments
 - Security Architectures and Protocols in Wireless LANs
 - Security Architectures and Protocols in B3G/4G Mobile Networks
 - Security and Privacy features into Mobile and Wearable devices
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- Location Privacy
- Ad hoc Networks Security
- Sensor Networks Security
- Wireless Ad Hoc Networks Security
- Role of Sensors to Enable Security
- Security and Privacy in Pervasive Computing
- Trust Establishment, Negotiation, and Management
- Secure PHY/MAC/routing protocols
- Security under Resource Constraints (bandwidth, computation constraints, energy)

SecPri_WiMob 2008 Workshop Program co-Chairs

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Stefanos Gritzalis, University of the Aegean, Greece

Kaisa Nyberg, Helsinki University of Technology and Nokia Research Center, Finland

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SecPri_WiMob 2008 Workshop Program Committee

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Yan Zhang, Simula Research Laboratory, Norway

Jianying Zhou, Institute for Infocomm Research, Singapore

Paper Submission and IEEE Proceedings

The [SecPri_WiMob 2008](#) workshop welcomes full papers (not solely abstracts) from academic, government, and industry contributors dealing with the above or related issues. Papers, which describe ongoing research or provide an excellent surveying work, are welcome too. All submissions will be subjected to a thorough review by at least three reviewers. Papers must be written in English. The maximum paper length is six (6) printed pages (10-point font) including figures, graphics and tables. For the submission authors can use the standard IEEE Transactions templates for Microsoft Word or LaTeX formats available at <http://www.ieee.org/portal/pages/pubs/transactions/stylesheets.html>. Authors must have checked that their papers are printable.

[SecPri_WiMob 2008](#) workshop is using the EDAS (www.edas.info) Conference Management System to manage paper submissions process. In order to submit a paper, authors must first create an EDAS account if they do not have already one. The EDAS system will e-mail a password. Then authors can login to EDAS using the password they have received. EDAS will provide authors with a submissions homepage where they can register their [SecPri_WiMob 2008](#) paper submission and make appropriate changes.

Full [IEEE WiMob 2008 Conference](#) registration will include workshops. Any registered author can attend any workshop, as well as the main conference. Each [SecPri_WiMob 2008](#) accepted paper will need to have at least one author register at the full conference rate. Each registered author can be associated with at most two conference or workshops papers.

All [SecPri_WiMob 2008](#) accepted papers will be published in the main [IEEE WiMob 2008](#) Proceedings, published by IEEE.

Important Dates

Submission of papers:	June 14, 2008
Notification of acceptance/rejection:	July 16, 2008
Camera-ready version of papers:	August 10, 2008
Registration and full payment due:	August 20, 2008
SecPri_WiMob 2008 Workshop date:	October 12, 2008