

International Workshop on Security in Wireless

& Mobile Networks

Call for Papers

As part of

2012 International Conference on Computational Intelligence

and Security (CIS' 2012)

November 17-18, GuangZhou, China

<http://www.cis-lab.org/cis2012/>

SCOPE AND OBJECTIVES

The wireless and mobile networks are regarded as the key underlying infrastructures for realizing the next generation networking and computing, such as the clouding computing, the ubiquitous computing and the 3G/4G networks. Wireless and mobile communications are more vulnerable than the wired networks to different attacks such as denial of service, man in the middle, hijacking, spoofing, etc. In addition, they have less resources, which is a real problem in security solution design. These unique characteristics of the wireless and mobile networks pose a number of challenges in terms of security.

With the rapid development of wireless and mobile communication and its applications, it is important to design secure and robust solutions which are light enough to be supported by those wireless terminals and communications especially the mobile ones, because addressing these challenging issues can provide better secure services and increase the overall performance.

This international workshop aims to identify and explore the different issues and challenges related to security aspects in wireless and mobile networks. Such as, what are the benefits or inconvenience of mobility on security? What are the appropriate mobility models to have a good level of security? How can we build up trusted platforms and trustworthy systems for wireless and mobile networks? How can we authenticate users in open wireless networks? How can we build up security protocol for resource-limited devices? How can we build up a secure architecture for wireless and mobile networks? etc. In addition, novel ideas and research works from end consumers' perspective, such as privacy, trustworthiness and network survivability, will be embraced by the session.

The Session topics include (but are not limited to) the following:

- Security Issues in Wireless & Mobile Networks

- New Ideas about Network Model and Security Architecture
- Authentication, Authorization and Access Control in Wireless & Mobile Network
- Key Management in Wireless & Mobile Network
- Secure Multicasting/Broadcasting
- RFID Mutual Authentication
- Public-Key Crypto Algorithm
- Secret Sharing Scheme
- Security in Sensor Networks

PAPER SUBMISSIONS

You are invited to submit original and unpublished research works on above and other topics related to heterogeneous network and multimedia contents protection. Submitted papers must not have been published or simultaneously submitted elsewhere. Submission should include a cover page with authors' names, affiliation addresses, fax numbers, phone numbers, and email addresses. Please, indicate clearly the corresponding author and include up to 6 keywords from the above list of topics and an abstract of no more than 400 words. Authors should use the Latex style files or MS-Word templates to format their papers. The length of a submitted paper should not exceed 5 pages in two-column format. Please include page numbers on all submissions to make it easier for reviewers to provide helpful comments. Papers will be accepted only by electronic submission via email to the international workshop organizers at ljipang@mail.xidian.edu.cn.

Each paper will receive a minimum of three reviews. Papers will be selected based on their originality, relevance, technical clarity and presentation. Authors of accepted papers must guarantee that their papers will be registered and presented at the international workshop. Accepted papers will be published in the conference proceedings which will be made available at the time of the meeting.

Submission of a paper implies that should the paper be accepted, at least one of the authors will register for the CIS conference and present the paper in the session. Accepted papers will be given guidelines in preparing and submitting the final manuscript(s) together with the notification of acceptance.

All papers accepted for international workshop will be included in the Conference Proceedings published by the CPS, which will be indexed by EI and ISTP.

Submission

The manuscript should be formatted according to the Latex style file or MS-Word template provided by CIS 2012 main conference, and is compliant to the requirements of CIS main conference: <http://www.cis-lab.org/cis2012/>

The formatted paper should be submitted via CIS'12 online paper submission system: http://www.cis-lab.org/cis2012/index.php?Paper_Submission

Important Dates

Paper Submission Due Date: June 15, 2012

Notification of Paper Acceptance: August 15, 2012

Camera-Ready Paper Submission Due Date: September 15, 2012

Session date: November 17-18

Session Organizer(s):

- ◆ **Chair:** Dr. Liaojun Pang, ADD: P.O. Box106, Xidian University, Xi'an 710071, P. R. China. Email: ljpang@mail.xidian.edu.cn.
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- ◆ **Co-Chair:** Dr. Qingqi Pei, ADD: P.O. Box338, Xidian University, Xi'an 710071, P. R. China. Email: qqpei@mail.xidian.edu.cn.
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If you have any question, please do not hesitate to contact with us.