

International Workshop on Mobile Security

<http://wnss.sv.cmu.edu/wms/>

In conjunction with MobiCASE 2010, <http://www.mobicasel.org/>
October 28, 2010 - Biltmore Hotel & Suites, Santa Clara, CA, USA

Workshop Overview

To complement the topics of MobiCASE 2010, the Workshop on Mobile Security will bring together members of the research community and practitioners from industry to present novel results and approaches in the emerging area of mobile security, a topic at the intersection of wireless communications, mobile computing and computer security.

Unlike mobile devices in the past, which were designed for the sole purpose of voice-based communication, today's phones are powerful devices that can communicate, compute, and sense. There are many emerging applications (e.g. mobile banking, mobile social networking, location navigation) associated with smartphones, mobile internet, and telecom infrastructures. Since mobile devices are always with us and they contain various sensitive data, the issues of security, privacy and trust become more and more important and challenging.

Topics of Interest

The main topics for the workshop will focus on vulnerabilities, attacks and defense approaches on mobile devices and network infrastructures. We seek papers in, but not limited to, the following areas:

- Vulnerabilities in telecommunication infrastructure
- Smartphone security
- Open phones and trust technologies
- Mobile internet security
- Mobile location/navigation security
- Mobile banking/payment security
- Privacy issues on mobile social networking
- Mobile malware modeling
- UICC evolutions and security impacts
- Secure coding practices for mobile applications
- Intrusion detection on mobile devices
- Power-sensitive cryptography for mobile devices

Paper Submission

Papers will be limited to 6 single-spaced, double-column, 8.5" x 11" pages with 10-point font. The Workshop on Mobile Security requires that all papers (both research and industry) describe novel, unpublished work, not concurrently under review. Submission details can be found on the workshop website above, and the important dates follow.

Paper submission deadline: **July 23, 2010**
Acceptance notification: **August 2, 2010**

Camera-ready papers due: **August 27, 2010**
Workshop date: **October 28, 2010**

Organizing Committee

Workshop Co-Chairs:

Philippe Proust, Security labs, Gemalto
Patrick Tague, Carnegie Mellon University
Yafei Yang, Qualcomm

Technical Program Committee:

Lujo Bauer, Carnegie Mellon University
Hao Chen, University of California – Davis
Songqing Chen, George Mason University
Yuecel Karabulut, SAP
Angelos Keromytis, Columbia University
Sridhar Machiraju, Sprint
Patrick Traynor, Georgia Institute of Technology
Zheng Yan, Nokia Research Center

Questions? Email - wms.chairs@gmail.com