

ACM HotWiSec 2013: The 2nd ACM Workshop on Hot Topics on Wireless Network Security and Privacy

Co-located with ACM WiSec 2013, April 19th, 2013, Budapest, Hungary

Theme and Scope

The ACM HotWiSec workshop aims to provide a forum for researchers and practitioners working in the areas of wireless networking, security and privacy to discuss exciting new research directions or out-of-the-box, disruptive or controversial ideas on exploitation or protection of wireless communications and systems. The workshop does not seek fully mature research efforts or papers, which may be more suitable for the main conference. On the contrary, this workshop aims to provide a suitable venue for discussing ideas in their infancy, so as to initiate a lively discussion on the topic and to provide early, useful feedback to the authors. Based on the feedback from this workshop, authors can decide to mature their work and consider submitting it to future ACM WiSec main conferences.

Topics of interest include exciting new ideas in the following areas:

- Key management in wireless/mobile environments
- Secure services (neighbor discovery, localization, etc.)
- Secure PHY and MAC protocols
- Trust establishment
- Intrusion, attack and malicious behavior detection
- Denial of service
- User and location privacy
- Anonymity, unobservability, prevention of traffic analysis
- Identity theft and phishing in mobile networks
- Charging and secure payment
- Cooperation and mitigating non-cooperative behavior
- Economics of wireless security
- Vulnerability and attack modeling
- Incentive-aware secure protocol design
- Jamming/Anti-jamming communication
- Cross-layer design for security
- Monitoring and surveillance
- Cryptographic primitives for wireless communication
- Theoretical foundations and formal methods for wireless security and privacy
- Security and privacy of mobile OS and mobile applications
- Secure delay- and disruption-tolerant networking
- Secure non-RF wireless communication (e.g., ultrasound, vision, laser)
- Security/privacy in wireless smart grid and smart metering applications
- Security/privacy in wireless network coding
- Security/privacy in wireless/ephemeral social networking
- Security/privacy in mobile / wireless cloud services

Paper Submission

Manuscript submissions should be in Adobe Portable Document Format (PDF) only. The page limit is 5 pages in the ACM conference style including all bibliography and well-marked appendices. Font size should be no smaller than 10 points and must fit properly on US "Letter"-sized paper (8.5 x 11 inches). Submitted papers must represent original material that is not currently under review in any other workshop, conference or journal, and has not been published before. Please submit PDF version of the paper using the workshop easychair paper submission system at <https://www.easychair.org/conferences/?conf=hotwisec2013>. All accepted papers will be published in the conference proceedings. At least one author of accepted papers is required to register at the full registration rate, and needs to present the paper at the workshop. Papers from no-shows at the workshop will be excluded from the conference proceedings.

Important Dates

Paper submission: December 21, 2012
Acceptance Notification: January 20, 2013
Camera-ready version: February 15, 2013
Workshop date: April 19th 2013

Workshop Chair(s)

Murtuza Jadliwala (Wichita State University, USA)

Technical Program Committee

Murtuza Jadliwala, Wichita State University, USA (Chair)
Kévin Huguenin, EPFL, Switzerland
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