

4th IEEE International Workshop on Data Security and PrivAcy in wireless Networks (D-SPAN)

In conjunction with IEEE WoWMoM 2013

Tuesday, June 4, 2013, Madrid, Spain

- 9:30-9:45 **Welcome**
- 9:45-11:00 **Keynote: Selected Protocols for RFID Security and Privacy**,
Refik Molva (EUROCOMM, France)
- 11:00-11:30 **Coffee Break**
- 11:30-13:00 **Session 1: Wireless Network Security and Privacy** (Chair: TBD)
- Malleability Resilient (Premium) Concealed Data Aggregation*
Dirk Westhoff (Hochschule Furtwangen University, Germany) and Osman Ugus (Hamburg University of Applied Science, Germany)
- Confidentiality and Availability Issues in Mobile Unattended Wireless Sensor Networks*
Roberto Di Pietro and Stefano Guarino (University of Roma Tre, Italy)
- Malicious traffic analysis in wireless sensor networks using advanced signal processing techniques*
Alexandros Fragkiadakis and Ioannis Askoxylakis (Institute of Computer Science, FORTH, Greece)
- Authorization Framework for the Internet-of-Things*
Ludwig Seitz (Swedish Institute of Computer Science, Sweden), Göran Selander (Ericsson Research, Sweden), and Christian Gehrman (Swedish Institute of Computer Science, Sweden)
- 13:00-14:00 Lunch Break
- 14:00-15:30 **Session 2: PHY-layer Secrecy and Wireless Protocol Security** (Chair: TBD)
- Preventing Wireless Network Configuration Errors in Patient Monitoring Using Device Fingerprints*
Joe H. Novak, Sneha Kumar Kasera, and Neal Patwari (University of Utah, USA)
- Efficient PHY Layer Security in MIMO-OFDM: Spatiotemporal Selective Artificial Noise*
Özge Cephele and Gu'nes Karabulut Kurt (Istanbul Technical University, Turkey)
- Collision-free Jamming for Enhanced Wireless Secrecy*
Joaõ P. Vilela (University of Coimbra, Portugal) and Joaõ Barros (Universidade do Porto - Faculdade de Engenharia, Portugal)
- A Blueprint for Switching Between Secure Routing Protocols in Wireless Multihop Networks*
Marc Werner (Technical University of Darmstadt, Germany), Jo'rg Kaiser (Technical University of Darmstadt, Germany), Matthias Hollick (Technical University of Darmstadt, Germany), Elias Weinga'rtner (RWTH Aachen University, Germany), and Klaus Wehrle (RWTH Aachen University, Germany)
- 15:30-16:00 Coffee Break
- 16:00-16:40 **Session 3: Security for Vehicular Networks** (Chair: TBD.)
- Towards a Secure and Privacy-preserving Multi-service Vehicular Architecture*
Nikolaos Alexiou, Stylianos Gisdakis, Marcello Laganà, and Panagiotis Papadimitratos (Royal Institute of Technology, Sweden)
- Vehicle Tracking using Vehicular Network Beacons*
Karim Emara, Wolfgang Woerndl, and Johann Schlichter (Technical University of Munich, Germany)