

Second International Workshop on TRUSTworthy Embedded Devices (TrustED 2012)

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GENERAL INFORMATION

The 2nd international workshop on TRUSTworthy Embedded Devices (TrustED 2012) takes place on May 25, 2012 in San Francisco, USA, as part of the IEEE CS Security and Privacy Workshops 2012 event, co-located with IEEE Security & Privacy 2012. The first TrustED workshop was co-located with ESORICS 2011 in Leuven, Belgium. The workshop targets at security and privacy aspects of cyber-physical systems, particularly of smartphones and their interfaces to other embedded devices. The main goal is to bring together experts from academia and research institutes, industry and government for discussing and investigating problems, challenges and the recent scientific and technological developments in the field of cyber physical systems

TrustED has official proceedings that are published using the Conference Publishing Services (CPS), being the publication arm of the IEEE Computer Society. The program consists of five regular and three invited talks.

INVITED TALKS

- *Tamper-resistance challenges for real world embedded systems*,
Pankaj Rohatgi (Cryptography Research, USA)
- *Smart Grid Data Security and Privacy*,
Hauke Meyn (NXP Semiconductors, Germany)
- *Capability Leak Challenges for Mobile Devices and Their Apps*,
Xuxian Jiang (North Carolina State University/NQ Mobile, USA)

ACCEPTED PAPERS

- *A Theoretical Analysis: Physical Unclonable Functions and The Software Protection Problem*,
Rishab Nithyanand (Stony Brook University, USA) and John Solis (Sandia National Labs, USA).
- *A Method for Preventing Skipping Attacks*, Marc Joye (Technicolor Security & Content Protection Labs, France)
- *Side-channel Analysis of Grstl and Skein*,
Christina Boura (INRIA-Rocquencourt, France, and

Gemalto,France), Sylvain Lvlque (Gemalto,France) and David Vigilant (Gemalto,France)

- *The BLUEJAY Ultra-Lightweight Cryptosystem*,
Markku-Juhani Olavi Saarinen (Revere Security, USA)
- *SlenderPUF: a Lightweight, Robust, and Secure Strong PUF by Substring Matching*, Mehrdad Majzoobi (Rice University, USA), Masoud Rostami (Rice University, USA), Farinaz Koushanfar (Rice University, USA), Srinivas Devadas (Rice University, USA) and Dan Wallach (Rice University, USA)

PROGRAM COMMITTEE LIST

- Jens-Matthias Bohli (NEC Laboratories Europe, DE)
- Sdrjan Capkun (ETH Zuerich, CH)
- Mauro Conti (University of Padua, IT)
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