



Training School 2018

on Cryptanalysis of Ubiquitous Computing Systems

Ponta Delgada, Azores, Portugal

April 16-20, 2018

www.cryptacus.eu/en/events/training-school-2018/



Recent advances in hardware and software have irrevocably affected the classical picture of computing systems. Today, these no longer consist only of connected servers, but involve a wide range of pervasive and embedded devices, leading to the concept of “ubiquitous computing systems”. To improve the security of these systems the existent cryptanalysis methodologies and tools need to be improved and adapted. This training school will focus on the assessment of theoretical and practical cryptographic mechanisms designed to ensure security and privacy, within four main axes:

- cryptographic models;
- cryptanalysis of building blocks;
- hardware and software security engineering;
- security assessment of real-world systems.

This training school aims at providing theoretical and practical lectures on topics related to security and cryptanalysis of ubiquitous computing systems.

REGISTRATION

(Early Registration Deadline **15 March 2018**)

- Early registration: **€ 350 ***
- Late registration: **€ 450 ***

Contact information:

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CONFIRMED SPEAKERS

- Lejla Batina, Radboud University, NL
- Herbert Bos, Vrije Universiteit Amsterdam, NL
- Srdjan Capkun, ETH Zurich, CH
- Joan Daemen, Radboud Univ./ STmicro., NL/BE
- Maria Eichlseder, Graz Univ. of Technology, AT
- Daniel Gruss, Graz Univ. of Technology, AT
- Handan Kilinc, EPFL, CH
- Markus Kuhn, University of Cambridge, UK
- Nele Mentens, KU Leuven, BE
- Kasper Rasmussen, University of Oxford, UK
- Mark Ryan, Univ. of Birmingham and HP Labs, UK
- Patrick Schaumont, Virginia Tech, US
- Kevin Valk, RISCURE, NL
- Andres Wandurraga, RISCURE, NL

GRANTS AVAILABLE:

Several grants (COST CRYPTACUS funds) are available to cover the registration fee, housing costs, and local traveling costs (see website for more details) in the amount of **€550**. These grants will be assigned in a first request first assigned rule, considering a balanced distribution between gender, countries and institutions.

* The registration fee includes access to lectures, practical sessions and PhD session, as well as lunches, social event, gala dinner and coffee breaks

This training school is organized in the framework of the COST Action IC1403 - CRYPTACUS

