



# TRUDEVICE 2016 – CALL FOR PAPERS

## FINAL CONFERENCE ON TRUSTWORTHY MANUFACTURING AND UTILIZATION OF SECURE DEVICES

November 14<sup>th</sup> – 16<sup>th</sup>, 2016

UPC (BarcelonaTech) – ETSEIB, Barcelona (Spain)



The TRUDEVICE Conference will provide an environment for researchers from academic and industrial domains who want to discuss recent findings, theories and ongoing work regarding all aspects of hardware security including design, manufacturing, testing, reliability, validation and utilization. The program includes guest speakers along with contributed talks and work in progress. Topics of the conference include but are not limited to:

- Manufacturing test of secure devices
- Trustworthy manufacturing
- PUFs and TRNGs
- Hardware Trojans in IPs and ICs
- Reverse engineering counter-measures
- Fault attack injection, detection and protection
- Reconfigurable devices for secure functions
- Detection of malicious components
- Validation and evaluation

Apart from the technical discussions, two extra activities will be offered. The visit to the “MareNostrum supercomputer” (welcome reception) and a cultural visit to the “Palau de la Música Catalana” (gala dinner). After the cultural visit, attendees will have the opportunity to have a walk in the “Gothic Neighborhood” (old city) and to enjoy typical Mediterranean food.

**Submissions:** authors are invited to submit a title and an extended abstract (1 page max.) of the proposed paper indicating its category: regular or poster presentation.

**After acceptance:** authors should submit a camera ready version paper of maximum 6 pages for the regular presentations or a summary of maximum 2 pages for the poster presentations.

**Presentations:** regular presentations will be 20 minutes per presentation including questions. Posters will be programmed in approximately 50 minute sessions.

**Proceedings:** accepted papers and poster summaries will be published on the conference’s proceedings under UPCommons license ([upcommons.upc.edu](http://upcommons.upc.edu)).

**Copyright:** Authors may request to have the access for his paper closed to avoid copyright issues.

**Registration:** Every accepted paper or poster must have at least one different author registered.

**Grants:** authors will be eligible for a grant to cover travel and accommodation.

### Important dates:

#### Submission deadline

(title + abstract):

July 1<sup>st</sup>, 2016

Notification of acceptance:

July 25<sup>th</sup>, 2016

Camera ready final version:

September 23<sup>th</sup>, 2016

### Submissions and conference webpage:

<http://trudevice2016.eel.upc.edu/>

### More information:

S. Manich – [salvador.manich@upc.edu](mailto:salvador.manich@upc.edu)

R. Rodríguez – [rosa.rodriguez@upc.edu](mailto:rosa.rodriguez@upc.edu)

### General information of the network:

<http://www.trudevice.com/>

### More information:

G. Di Natale – [dinatale@lirmm.fr](mailto:dinatale@lirmm.fr)

I. Polian – [ilia.polian@uni-passau.de](mailto:ilia.polian@uni-passau.de)

## COMMITTEES

### General Chairs:

Giorgio Di Natale, LIRMM (FR)  
Ilia Polian, Univ. of Passau (DE)

### Local Chairs:

Salvador Manich, UPC (ES)  
Rosa Rodríguez, UPC (ES)

### Web Chairs:

Daniel Arumí, UPC (ES)  
Pedro Peris-Lopez, COSEC (ES)

### Program Committee:

Georg Sigl, TUM (DE)  
Michael Pehl, TUM (DE)  
David Hernández, APPLUS (ES)  
Jordi Mujal, APPLUS (ES)  
Marie-Lise Flottes, LIRMM (FR)  
Said Hamdioui, T. U. Delft (NL)  
Lilian Bossuet, U. St. Etienne (FR)  
Paris Kitsos, Hellenic U. (GR)  
Bruno Rouzeyre, LIRMM (FR)  
Bernd Becker, U. Freiburg (DE)  
Victor Fischer, U. St. Etienne (FR)  
Nele Mentens, KU Leuven (BE)  
Lejla Batina, Radboud U. (NL)  
Nicolas Sklavos, U. Patras (GR)



*This conference is organized in the framework of the COST Action IC1204 (Trustworthy Manufacturing and Utilization of Secure Devices) <http://www.cost.eu/>*