



COSADE 2015

6th International Workshop on Constructive Side-Channel Analysis and Secure Design

Important Dates

Paper submission	8	December	2014
Notification	4	February	2015
Final Version	4	March	2015
Workshop	13–14	April	2015

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Call For Papers

COSADE 2015

Berlin, Germany, 13–14 April 2015

<http://www.cosade.org/>

Side-channel analysis (SCA) and implementation attacks have become an important field of research at universities and in the industry. In order to enhance the resistance of cryptographic and security critical implementations within the design phase, constructive attacks and analyzing techniques may serve as a quality metric to optimize the design and development process. Since 2010, COSADE provides an international platform for researchers, academics, and industry participants to present their work and their current research topics. It is an excellent opportunity to exchange on new results with international experts and to initiate new collaborations and information exchange at a professional level. The workshop will feature both invited presentations and contributed talks.

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The topics of COSADE 2015 include, but are not limited to:

- Constructive side-channel analysis and implementation attacks
- Semi-invasive, invasive and fault attacks
- Leakage models and security models for side-channel analysis
- Cache-attacks and micro-architectural analysis
- Decapsulation and preparation techniques
- Side-channel based reverse engineering
- Leakage Resilient Implementations
- Evaluation methodologies for side-channel resistant designs
- Secure designs and countermeasures
- Evaluation platforms and tools for testing of side-channel characteristics



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