

IEEE/ACM

ICCAD

2025 INTERNATIONAL
CONFERENCE ON
COMPUTER-AIDED
DESIGN

44th Edition

1ST WORKSHOP ON

POST-QUANTUM CRYPTOGRAPHY

RESILIENCE, VERIFICATION,
AND SECURE DESIGN AUTOMATION



Munich, Germany

October 30, 2025

Co-located with ICCAD'25

TOPICS

- ✓ Hardware/software co-design for PQC
- ✓ Side-channel & fault injection attacks on PQC
- ✓ PQC in embedded, IoT, automotive systems
- ✓ PQC for cloud, edge, AI/ML workloads
- ✓ ML for side-channel analysis on PQC
- ✓ Benchmarking frameworks for PQC evaluation

Thursday
October 30, 2025
08:30 - 16:00

[Register ICCAD here](#)

SPEAKERS



Dr. Reza Azarderakhsh

Florida Atlantic University
Founder of PQSecure, USA



Dr. Mojtaba Bisheh-niasar

Microsoft, USA



Dr. Michael Hutter

University of the Bundeswehr Munich
PQShield, Germany



Dr. Debdeep Mukhopadhyay

IIT KGP, India



Dr. Elif Bilge Kavun

TU Dresden
Barkhausen Institut, Germany



Dr. Sarani Bhattacharya

IIT KGP, India



Dr. Marc Stottinger

RheinMain University of Applied Sciences,
Germany



Dr. Praveen Vadnala

PQShield, Netherlands



Contact:

Mona Hashemi
monah@nus.edu.sg



Organizers:



Dr. Michael Hutter

University of the
Bundeswehr Munich,
PQShield, Germany



Dr. Trevor E. Carlson

National University of
Singapore, Singapore



Dr. Shivam Bhasin

Nanyang Technological
University, Singapore



Dr. Mona Hashemi

National University of
Singapore, Singapore