

SPACE 2020: Tenth International Conference on Security, Privacy and Applied Cryptographic Engineering

December 17-21, 2020, Virtual Conference

Program Chairs

Lejla Batina, Radboud University
Stjepan Picek, TU Delft
Mainack Mondal, IIT Kharagpur

General Chairs

Indranil Sengupta, IIT Kharagpur

Debdeep Mukhopadhyay, IIT
Kharagpur

COVID 19 advisory

Given the current uncertainty with travel and event organization restrictions caused by COVID-19, SPACE 2020 will be a virtual conference. SPACE 2020 will allow the online presentation of accepted papers, and the conference registration fee for the accepted paper is adjusted accordingly.

Contact information

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Overview

International Conference on Security, Privacy and Applied Cryptographic Engineering 2020 (SPACE 2020) is tenth in the series of conferences which started in 2011. This annual event is devoted to various aspects of **security, privacy, applied cryptography, and cryptographic engineering**. SPACE 2020 will be held as a fully virtual conference, from **17th to 19th December, 2020** with a set of follow up associated virtual **workshops on 20th and 21st December, 2020**. The program co-chairs for SPACE 2020 are Lejla Batina (Radboud University, The Netherlands), Stjepan Picek (TU Delft, The Netherlands) and Mainack Mondal (Indian Institute of Technology, Kharagpur).

Topics

We invite authors to submit previously unpublished original research. Topic include but are not limited to

Cryptographic Engineering

- Design of Cryptographic Primitives
- Random Number Generators and PUF
- Cryptographic Hardware
- Cryptographic Software
- Cryptographic Protocols
- Formal Methods in Cryptographic Engineering
- Evaluation of Cryptosystems
- Attacks and Countermeasures

Side-channel Analysis and Countermeasures

- Fault Analysis and Countermeasures
- Reverse Engineering and Tampering
- Hardware Trojans and Counterfeit Detection
- Cryptanalysis

Security and Privacy

- Security of Cyber-Physical Systems
- Secure Networking Protocols
- Securing Human-in-the-loop Systems
- Data privacy
- Authentication
- Botnets and Malware
- Anonymization Techniques and Attacks
- Intrusion Detection
- Operating Systems Security
- Trustworthy Computing
- Verification and Testing for Security

Paper Submission

All SPACE 2020 submissions must be original and not simultaneously submitted to or published in another journal or conference. We recognize the difficulties stemming from the COVID-19 situation, and this year for SPACE (along with full papers) we welcome short papers and work in progress submissions. SPACE 2020 follows a strict **double-blind policy** -- all submissions must be anonymous, with no author names, affiliations, acknowledgements, or obvious references. Full paper submissions must be written in English, should strictly follow the LNCS format, and should be **at most 20 pages (12 pages for short papers)** (including the bibliography but excluding clearly marked appendices). Submission to SPACE will imply the willingness of at least one of the authors to register and present the paper in the conference. Authors should mention in abstract if a submission should be considered as short paper/work-in-progress.

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Important Dates

Abstract registration deadline: **Aug. 16, 2020 23:59:59 EDT**
Paper submission deadline: **Aug. 26, 2020 23:59:59 EDT**
Notification of Acceptance: **Oct. 05, 2020**
Camera-ready Version: **Oct. 25, 2020**
Conference: **Dec. 17-21, 2020**