

SPACE 2022: Twelfth International Conference on Security, Privacy and Applied Cryptographic Engineering

December 9-12, 2022, Jaipur, India

Program Chairs

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

General Chair

Jayprakash Kar,
LNMIIT Jaipur, India

Debdeep Mukhopadhyay, IIT
Kharagpur

COVID 19 advisory

Given the current uncertainty with travel and event organization restrictions caused by COVID-19, it is not yet decided whether SPACE 2022 would be an online-only event, or would be organized physically. We are closely monitoring the situation as it evolves, and **will decide about the mode of the conference in due course**. In any case, SPACE 2022 will **allow online presentation of accepted papers if the authors are unwilling/unable to undertake the travel**, and the conference registration fee for the accepted paper would be adjusted accordingly.

Contact information

Technical Information

Mainack Mondal
Indian Institute of Technology, Kharagpur
Email: mainack@cse.iitkgp.ac.in

General Information

Debdeep Mukhopadhyay
Indian Institute of Technology, Kharagpur
Email: debdeep@cse.iitkgp.ac.in

Overview

International Conference on Security, Privacy and Applied Cryptographic Engineering 2022 (SPACE 2022) is twelfth 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 2022 will be held at Jaipur, from 9th to 12th December, 2022. The program co-chairs for SPACE 2022 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We invite authors to submit previously unpublished original research. Topics include but are not limited to

Cryptographic Engineering

- Design of Cryptographic Primitives
- Random Number Generators and PUF
- Cryptographic Protocols and Implementations
- Security Architectures
- Formal Methods in Cryptographic Engineering
- Attacks and Countermeasures
- Post-quantum Cryptography Implementations
- Cryptographic Software/Hardware Design
- IP Protection

Physical attacks and Countermeasures

- Fault Analysis and Countermeasures
- Reverse Engineering and Tampering
- Hardware Trojans and Counterfeit Detection
- Micro-Architectural Attacks
- AI-assisted side-channel and fault attacks
- Cryptanalysis

Security and Privacy

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

Paper Submission

All SPACE 2022 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 work in progress submissions (clearly mentioned in the title if it's a work in progress). SPACE 2022 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** (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.

Authors should consult Springer's Instructions for Authors of Proceedings and use either the LaTeX or the Word templates provided [on the authors' page](#) for the preparation of their papers. Springer encourages authors to include their [ORCID](#)s in their papers. Springer's proceedings LaTeX templates are also available in [Overleaf](#). In addition, the corresponding author of each paper, acting on behalf of all of the authors of that paper, must complete and sign a Consent-to-Publish form. The corresponding author signing the copyright form should match the corresponding author marked on the paper. Once the files have been sent to Springer, changes relating to the authorship of the papers cannot be made." The appropriate links should be made available to the authors. The submission link for SPACE 2022 is [here](#).

Important Dates

Paper submission deadline:	Sep. 01, 2022 Sep. 14, 2022 23:59:59 EDT
Notification of Acceptance:	Oct. 20, 2022
Camera-ready Version:	Oct. 30, 2022
Conference:	Dec. 09-12, 2022