

SPACE 2024: Fourteenth International Conference on Security, Privacy and Applied Cryptographic Engineering

December 14-17, 2024, IIIT Kottayam, India

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Overview

The Fourteenth International Conference on Security, Privacy and Applied Cryptographic Engineering 2024 (SPACE 2024) is a continuation of the series of conferences which started in 2011. This annual event is devoted to various aspects of security, privacy, applied cryptography, and cryptographic engineering. We are organizing a poster session to showcase works in progress in cryptographic engineering and security. This year, we have planned for (optional) 2-page extended abstracts as part of the poster submission. If accepted, these would become part of the proceedings as well.

All the submissions (the abstract as well as the extended abstract) should be in the Springer LNCS format.

We invite young researchers to present their ongoing research work, and challenges dealt with in their research domain and prospective new research directions that are in line with the theme of the conference. The submissions will go through a light peer review process.

Submission Instruction

The poster authors need to submit:

- a) A title
- b) Names of authors/affiliations
- c) An abstract (maximum 500 words)
- d) Optional: 2-page extended abstract

NOTE: A short abstract (500 words) would not be a part of the proceedings.

The posters has to be sent SPACE 2024 at the following email addresses:

Dr. Sayandeep Saha (sayandeep.iitkgp@gmail.com)

Dr. Chandan Karfa (ckarfa@iitg.ac.in)

Please clearly mention "POSTER SUBMISSION FOR SPACE 2024" in the subject of your email. The deadline for submission is October 10th, 2024. We will contact successful poster submissions with presentation instructions.

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We invite authors to submit previously unpublished original research.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 PUFs
- Cryptographic protocols and implementations
- Security architectures
- Formal methods in Cryptographic Engineering
- Attacks and countermeasures
- Post-quantum Cryptography Implementations
- Cryptographic Software/Hardware Design
- IP Protection
- Hardware Security in Machine Learning

Side-channel Analysis and Countermeasures

- Fault Analysis and countermeasures
- Reverse Engineering and Tampering
- Hardware Trojan and counterfeit Detection
- Micro-architectural Attacks
- AI-assisted side-channel 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
- Network Security and Intrusion detection
- Operating Systems Security
- Trustworthy Computing
- Verification and Testing for Security

Important Dates

Poster submission deadline: **Oct. 17, 2024 23:59:59 EDT**
Conference: **Dec. 14-17, 2024**