19th International Conference on Information Systems Security

December 16-20, 2023, NIT Raipur

Raipur, India

Call for Papers

The 19th ICISS will be held in the National Institute of Technology (NIT) Raipur between December 16 and 20, 2023. This annual conference provides a forum for researchers and industry practitioners of security to present their cutting-edge research and use case experiences. **We solicit previously unpublished technical papers in the field of Security Privacy. Papers that involve innovative solutions, usability studies, longitudinal studies, industrial use cases, and SoK are welcome.**

This year, we will also accept PoCs of security applications under a separate demo track and allow submission of artefacts; a separate call will be announced on the conference website in due course of time. A broad but non-exhaustive list of topics of interest is as below:

Systems Security
- OS, VM, containers, cloud Network: SDN, NFV, SD-WAN IoT, RFID, SCADA systems Communication Protocols IDS, IPS, SIEM, XDR, etc Honeypot, Botnet, etc

Access control
- Authentication, MFA
- Authorization model/policy
- PKI & Trust management
- Information flow control

Application Security
- Vulnerabilities, DevSecOps API security, WAF, OWASP
- Static/Binary analysis, zero trust
- Malware, Ransomware, APTs

Hardware Security
- Remote attestation, PUFs
- Trojans, Backdoors, FPGA
- Trusted Execution Enclaves

Privacy
- PETs, anonymization tech
- Deidentification attacks
- Surveillance & Censorship
- Inference, correlation attacks

Blockchain
- Cryptocurrency, stablecoins
- Interoperability, scalability
- Smart contracts, concurrency
- DIDs, NFTs, CBDCs, AML

Security in AI/ML
- Adversarial learning/inputs
- Bias, fairness, ethics, trust
- Model stealing/poisoning

Emerging Tech/Standards
- ChatGPT, LaMDA, Dall-E 2, etc Security-by-design, SBOM Privacy-by-design, STIX/TAXII

S&P Use Cases
- e-voting, e-gov, smart cities
- COVID-19 contact tracing

All submissions must be written in English and the PDF version should not exceed 20 pages; including the bibliography and appendices.

Authors must use the LNCS template to create the manuscript. The conference proceedings will appear in the Springer LNCS series.

Proceedings of past editions are available at: dblp.org/db/conf/iciss.

The extended versions of a select few accepted papers will be invited for publication in the Indian Academy of Sciences' journal Sādhanā.

Further details will be made available on the conference website in due course of time.

ICISS 2023 will also have the best paper award!

Conference website: https://iciss.isrdc.in/

ICISS 2023

Important Dates (in AoE):
Submission deadline: July 20
Acceptance notification: Sep 15
Camera-ready deadline: Sep25

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