



The 19th International Conference on Information Systems Security



December 16-20, 2023, NIT 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 **We solicit previously unpublished technical papers in the field of Security & Privacy.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 is available on the conference website. 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
Honey pot, 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
TEE, TRNG, 2FA, payment wallets

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

Important Dates (in AoE):

Submission deadline: ~~Jul 20~~ Aug 10

Acceptance notification: Sep 20

Camera-ready deadline: Sep 30

Advisory Steering Committee:

Venu Govindaraju, *Univ of Buffalo*
Sushil Jajodia, *George Mason Univ*
Somesh Jha, *Univ of Wisconsin*
Atul Prakash, *Univ of Michigan*
Pierangela Samarati, *Univ of Milan*
RK Shyamasundar, *IIT Bombay*

General Chair:

RK Shyamasundar, *IIT Bombay*

Technical Program Chairs:

V Muthukkumarasamy, *Griffith Univ*
Sithu D Sudarsan, *CDAC*

Demo/Industry Track Chairs:

Praveen Gauravaram, *TCS*
Amrendra Kumar, *DRDO*
Vinod Panicker, *Wipro*

Tutorial, PhD Forum Chairs:

Shachee Mishra, *IBM Research*
Vishwas Patil, *IIT Bombay*
Samantha Tharani, *Griffith Univ*
Sangitha Roy, *Thapar*
Radhika BS, *IIIT Dharwad*

Publicity Chairs:

Vishwas Patil, *IIT Bombay*
Balaji Rajendran, *CDAC*

Organising Executive Committee:

Venkata Badarla, *IIT Tirupati*
Neminath Hubballi, *IIT Indore*
Chandrashekar Jatoth, *NIT Raipur*
Jayaprakash Kar, *LNMIIT*
Vishwas Patil, *IIT Bombay*
Somnath Tripathy, *IIT Patna*

Patron:

Director, *NIT Raipur*

Submissions must be written in English and must not exceed 20 pages in length using LNCS format. A double-blind peer review process will be followed. The 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*.** For complete details on submission guidelines please visit the conference website. **ICISS has the best paper award sponsored by IDRBT.**