CALL FOR PAPER

CYBERSECURITY, CRYPTOGRAPHY & BLOCKCHAIN

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SCOPE AND MOTIVATION

The digitization of our world has ushered in a paradigm shift, intertwining industries, economies, and daily lives with intricate networks and systems. This evolving landscape underscores the need to secure our digital infrastructure and ensure data privacy and authenticity. The domains of Cybersecurity, Cryptography, and Blockchain have become instrumental pillars in addressing these imperatives, acting as the linchpins in ensuring a secure, trustworthy, and resilient digital world.

Cybersecurity, often seen as the shield against nefarious threats, continuously evolves to combat increasingly sophisticated attacks. Cryptography, the art of secret communication, not only ensures privacy and confidentiality but also plays a pivotal role in identity verification and integrity assurance. Simultaneously, Blockchain, the decentralized and distributed ledger system, promises to revolutionize industries by enabling transparent, tamper-proof, and verifiable transactions, thereby fostering trust in the digital ecosystem.

The track "Cybersecurity, Cryptography & Blockchain " at ICCT 2024 aims to spotlight the convergence of these domains and to delve into their intricate interplays. We beckon scholars, industry pioneers, and avant-garde researchers to shed light on the cutting-edge innovations, challenges, and solutions that will shape the future of our digital realm.

TOPICS OF INTEREST

The track on Cybersecurity, Cryptography & Blockchain welcomes original contributions in the following topical areas, as well as any paper that presents close relevance:
- Cyber security & Privacy
- Intrusion and cybersecurity threat detection and analysis
- IoT cybersecurity and privacy
- Network and Communication Security
- Network Intrusion Detection and Prevention
- Cryptography for Blockchain
- Information theory
- Post quantum cryptography
- Lightweight Cryptography
- Elliptic curves, Lattices, Lattice-based cryptography, Code-based
- Coding for Communications
- Privacy and Confidentiality in Blockchain
- Advanced Persistent Threats (APTs) Analysis
- Machine Learning and AI in Cybersecurity
- Zero-Day Vulnerability Research
- Cyber-Physical Systems (CPS) Security
- Next-Generation Threat Intelligence
- Privacy-Enhancing Technologies
- Secure Cloud Computing
- Threat Intelligence Automation

HOW TO SUBMIT A PAPER

All papers should be submitted via EasyChair. Full instructions on how to submit papers and important deadlines are available at : https://colloque-cybersecurite.esaip.org/