

Hybrid Event:
(On-site In-person Presentation & Virtual Presentation)

Barcelona, Spain
August 1-3, 2022
<https://coinsconf.com>



Call for Papers

Track: Distributed Ledger Technologies and Blockchain

COINS is a premier conference dedicated to latest research in multi-disciplinary technology developments and innovations. Its focus is on identifying new perspectives, highlighting impending research issues and challenges, and sharing novel research results. The topical area track "Distributed Ledger Technologies (DLT) and Blockchain" covers (but is not limited to) the following topics:

- Recent development in DLTs and Blockchain research
- DLT and Blockchain theory on IoT
- System design and implementation methods for Blockchain-based IoT systems
- Applications of DLT and Blockchain technology in edge, fog and cloud computing
- Development of DLT-IoT enabled sensor networks
- Decentralized DLT-based and Blockchain-based IoT security solutions
- Decentralized security solutions for IoT using Blockchain schemes
- Frameworks and software platforms for security and privacy in IoT
- Threat and attack models for Blockchain and DLT in IoT
- Decentralized keys and identity management, authentication, authorization, and access control
- System design and implementation methods for Blockchain-based IoT systems
- IoT applications based on DLT and Blockchain technology
- Performance evaluation and experimental analysis of Blockchain IoT schemes
- Novel development of smart contracts in Blockchain-IoT ecosystem
- Provisioning of sensor enabled Blockchain-IoT architecture
- Deployment of IoT-based sensor-data management
- Integration of machine learning and deep learning algorithms for Blockchain-driven IoT-sensor-enabled solutions
- Convergence of AI, DLT and Blockchain
- AI and machine learning approaches for convergence of IoT and DLT
- Design of novel consensus algorithms, mathematical models, decentralized frameworks
- Efficient consensus protocols and algorithms for DLTs in IoT devices
- Development of novel cryptocurrencies for IoT applications
- DLTs and Blockchain in embedded and real-time systems
- DLTs and Blockchain in peer-to-peer and M2M communications
- Innovative decentralized cross-domain applications such as healthcare and energy system, smart home, smart building, smart city applications, supply chain and logistics

Track Co-Chairs

Xing Liu, Kwantlen Polytechnic University, Canada
Francois Verdier, Universite Cote d'Azur, France

Track Program Committee

Artem Barger, Blockchain Research Expertise Group, Israel
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Submission Instructions

- Submission information for the conference can be found [here](#).
- Use [IEEE templates in Microsoft Word \(US Letter\)](#) and [LaTeX format for conference proceedings](#).
- Final PDF file should be created using [IEEE PDF eXpress](#).