



ICICC-2023

6th International Conference on Innovative Computing and Communication

Organized by Shaheed Sukhdev College of Business Studies, New Delhi, India
On 17-18th FEBRUARY 2023.

***** **CALL FOR PAPERS** *****

SPECIAL SESSION ON
Blockchain-based Networks and their Applications

SESSION ORGANIZERS:

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SESSION DESCRIPTION:

Blockchain has exhibited desirable characteristics including decentralization, immutability, more secure, and requires less cost and resources as compared to the traditional centralized systems. Consequently, Blockchain can be applied to improve the functioning of existing distributed systems and networks. In the face of the advances made in Blockchain in the past decade, some challenges still are there that must be addressed.

Hence, the focus of the special session is to accumulate recent research works devoted to the study of Blockchain-based Networks and their applications, predominantly involving consistency, security and mobility (in case of wireless networks), new theoretical systems and technical schemes for the Blockchain based networks.

This special session will offer a platform for both academicians, industry experts, and researchers to come up with their research work on the design, development, implementation, and evaluation of the systems using blockchain in a wide range of applications in wired/wireless network environments. The session also look for identifying new application areas of blockchain-based networks, and strongly encourage original research papers and articles connected to this topic, as well as high-quality review articles unfolding the current state of the art.

RECOMMENDED TOPICS:

Topics to be addressed should be related to the theme of this special session (but not limited to) the following:

- Blockchain as a Service: Architecture, Networking and Applications
- Blockchain-based frameworks designed for specific applications
- Integration of IoT and Blockchain
- Consensus and mining algorithms for blockchain based IoT
- Security, privacy, and trust in blockchain-based systems
- Security protocols based on blockchain
- Lightweight blockchain-based frameworks for resource-constrained environments
- Blockchain-based protocols for information management and access
- Blockchain for mobile and wireless communication
- Performance evaluation of blockchain-based systems
- Performance and security tradeoffs in blockchains
- Blockchain architectures and algorithms for heterogeneous networks
- Blockchain and DLT as a Service
- Blockchain Technologies for Identity Management and its Applications
- Blockchain for Security, Privacy and Trust in 6G Communication Networks

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **Blockchain-based Networks and their Applications on or before [30th November 2022]**. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at http://icicc-conf.com/paper_submission.html.

All submitted papers will be reviewed on a double-blind, peer review basis.

NOTE: While submitting paper in this special session, please specify **Blockchain-based Networks and their Applications** at the top (above paper title) of the first page of your paper.

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