

# Special Issue

## Blockchain-Based Trusted IoT

### Message from the Guest Editors

This Special Issue aims to explore the latest innovations, address the current challenges, and discuss the future directions of the field of blockchain-based trusted IoT systems. We invite submissions on topics including, but not limited to:

- Novel blockchain architectures for IoT security and privacy
- Decentralized identity management in IoT networks
- Smart contracts for autonomous IoT operations
- Blockchain-based data integrity and provenance in IoT
- Scalability solutions for blockchain in IoT environments
- Energy-efficient consensus mechanisms for IoT devices
- Blockchain-enabled trust models for IoT ecosystems
- Privacy-preserving techniques in blockchain-IoT integration
- Case studies of blockchain implementation in IoT industries
- Trust models and reputation systems in blockchain-IoT ecosystems
- Regulatory and compliance issues in blockchain-based IoT
- Use cases and applications in healthcare, supply chain, smart cities, and more
- Integration of AI and machine learning with blockchain-based IoT
- Edge and fog computing in blockchain-IoT architectures
- Lightweight blockchain protocols for resource-constrained IoT devices

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### Guest Editors

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Dr. Abdullahi Chowdhury

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### Deadline for manuscript submissions

30 September 2026



# IoT

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

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