

Special Issue

Blockchain and Smart Contract Technology for Advancement in IoT: Exploring the Synergies

Message from the Guest Editors

The rapid proliferation of Internet of Things (IoT) devices has revolutionized the way we interact with our surroundings, enabling seamless communication and automation across various domains. However, this exponential growth of IoT devices has also introduced significant challenges such as security vulnerabilities, data integrity, privacy concerns, and the lack of a trusted infrastructure. In response to these pressing issues, blockchain and smart contract technologies have emerged as promising solutions to enhance the security, trustworthiness, and efficiency of IoT deployments. This Special Issue aims to explore the synergies between blockchain, smart contracts, and IoT, showcasing the latest advancements, challenges, and opportunities in this rapidly evolving field. The issue invites original research articles, comprehensive reviews, and case studies that highlight the integration of blockchain and smart contracts into IoT systems.

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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