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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Deadline for manuscript submissions

closed (29 February 2024)

Sensors

Sensors

an Open Access Journal by MDPI

**Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed**

mdpi.com/journal/sensors

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