

Special Issue

Blockchains in the Era of Smart Sensors

Message from the Guest Editors

This Special Issue is an invitation to researchers who are investigating blockchains and their applications for securing and decentralizing sensor-oriented devices and deployments in the most general meaning (smart sensors, wireless sensor networks, cyber-physical systems, crowdsourcing data, etc.). Potential topics include, but are not limited to, the following:

- Blockchains for cyber-physical systems and wireless sensor networks;
- Efficient consensus algorithms for blockchains for smart sensors and IoT devices;
- Enabling sensors to interact with blockchains and distributed ledger technologies;
- Blockchain-based business models for autonomous sensors;
- Blockchains for sensor data crowdsourcing;
- Blockchains for data monetization of sensor data;
- Blockchain performance optimization for multiple IoT verticals;
- Blockchain-based sensor/IoT device identity management, authentication, and authorization;
- Blockchains for IoT/sensor device hardware security;
- Blockchains for securing the IoT edge.

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Deadline for manuscript submissions

closed (31 December 2020)



Sensors

an Open Access Journal
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Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/33917

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About the Journal

Message from the Editor-in-Chief

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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