



IoT Security and Privacy through the Blockchain

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Message from the Guest Editors

Blockchain, far beyond bitcoin, has produced an unprecedented revolution in the security and reliability of many Internet services and applications. This Special Issue expects innovative work to explore new frontiers and challenges in the field of IoT security and privacy under the umbrella of blockchain and distributed ledger technologies, including the mentioned crypto-sensors, distributed consensus mechanisms, encryption algorithms, fault tolerance mechanisms for IoT, etc.

The particular topics of interest include, but are not limited to:

- Architectures and platforms for blockchain and IoT
- Distributed consensus mechanisms for the IoT
- Crypto-elements for the security in IoT
- Encryption algorithms for the IoT
- Fod/edge computing and sidechains for IoT security and privacy
- Blockchain for forensics in IoT
- Fault tolerance mechanisms for IoT
- Energy efficiency in IoT data hashing
- Redundancy for IoT data security and privacy
- Virtualization for IoT data security and privacy
- Standardization for IoT and blockchain convergence
- IoT malicious transactions detection
- Other blockchain applications for the IoT





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Message from the Editor-in-Chief

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