Special Issue

IoT Security and Privacy through the Blockchain

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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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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