Blockchain Security and Its Application in Internet of Things

Guest Editor:

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Message from the Guest Editor

Blockchain technology has received great attention in different areas due to its unique properties such as anonymity, verifiability, immutability, and decentralization. However, due to the publicity of communication environments, such as the Internet, WiFi, LAN, or other types of networks, security and privacy concerns with Blockhain and IoT systems have become hot topics of discussion. This Special Issue is focused on new security solutions for scenarios or applications where blockchain and the Internet of Things are deployed in various areas.

Submissions are welcome on but not limited to the following topics:

- Blockchain and IoT solutions on existing systems;
- Blockchain security and privacy;
- Blockchain issues and trends;
- Blockchain authentication and authorization;
- Blockchain-based security for IoT;
- Cryptographic protocols for Blockchain and IoT;
- Data and system integrity in Blockchain and IoT;
- IoT-based solutions on the Blockchain system;
- IoT authentication and authorization;
- Security and privacy in IoT;
- Service and system design in IoT; and
- Trust management and untraceability in Blockchain and IoT.

Special Issue

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Message from the Editor-in-Chief

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