Security and Privacy in Blockchain-Based WSN (BWSN)

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Deadline for manuscript submissions:
closed (25 September 2023)

Message from the Guest Editors

Wireless sensor networks (WSNs), as integral parts of most Internet of Things (IoT) devices, are currently proliferating, providing a new paradigm of emerging technologies. The question of how to handle the big data collected in an efficient, secure and economical way has become an important research challenge.

Blockchain is considered a promising technique that can be used to build trust without the need for a trusted third party. The convergence of blockchain and WSNs can provide a secure and robust mechanism for the management of data generated by wireless sensor devices. Due to the transparency of blockchain, security and privacy in blockchain-based wireless sensor networks (BWSNs) are increasingly important subjects.

This Special Issue focuses on discussions and insights into the state-of-the-art developments and technologies regarding security computing and privacy protection in support of blockchain-based WSN applications in all domains. Contributions regarding the theory, design, implementation, as well as applications of security and privacy in blockchain-based WSNs, are all welcomed. Manuscripts should contain both theoretical and practical/experimental results.

Special Issue

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Message from the Editor-in-Chief

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