Advances in Blockchain Technology

Guest Editor:

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Message from the Guest Editor

Nowadays, blockchain technology is an integral part of scientific progress. So far, various methods have been used to solve problems considered to be challenging. This technology has the potential to offer tools for finance, e-commerce, eHealth, data storage, supply chain management, and Internet of Things. Therefore, blockchain technology can be understood as general purpose technology. This type of technology is defined as technologies that have the potential to have a major effect on society through their impact on the existing economic, as well as social, structures.

This Special Issue will focus on recent theoretical and practical studies of blockchain technology, with a focus on cryptocurrencies, cryptoassets, and tokens. Topics include, but are not limited to, the following:

Distributed Consensus; Cryptographic Methods and Security; Performance and Scalability Issues; Anonymity and Privacy; Network and Transaction Analysis; Cryptocurrency and Cryptoassets; Blockchain Platforms; Smart Contracts; Decentralized Applications; Decentralized Financial Services; Token Economy; Investment in Cryptocurrencies; Macroeconomic Studies; Social Aspects and Regulations.

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Special Issue

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Message from the Editor-in-Chief

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