



Advancement in Blockchain Technology and Applications

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Message from the Guest Editor

An innovative approach to storing information, executing transactions, performing functions, and establishing trust is provided by the emergence of blockchain technology as a novel distributed consensus scheme. Despite the fact that blockchain technology is recognized to intrinsically provide more secure transactions, the security and privacy of blockchain in different applications of the technology is still a matter of concern. This Special Issue aims to collect ongoing studies in blockchain security and privacy focusing on the following scopes:

1. Blockchain technology adoption
2. Blockchain security issues and challenges
3. The accuracy of smart contracts in the blockchain
4. Blockchain security and attacks
5. Blockchain security in cloud computing
6. Security aspects of blockchain technology
7. Strategies to defend blockchain technology against threats
8. Representative consensus algorithms
9. Anonymous signatures
10. New business model based on blockchain technology
11. Security analysis for blockchain systems
12. Attack detection and prevention for blockchain system
13. Data privacy protection for Consortium blockchain





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Message from the Editor-in-Chief

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