

## Special Issue

# Advancement in Blockchain Technology and Applications

### 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:

- Blockchain technology adoption
- Blockchain security issues and challenges
- The accuracy of smart contracts in the blockchain
- Blockchain security and attacks
- Blockchain security in cloud computing
- Security aspects of blockchain technology
- Strategies to defend blockchain technology against threats
- Representative consensus algorithms
- Anonymous signatures
- New business model based on blockchain technology
- Security analysis for blockchain systems
- Attack detection and prevention for blockchain system
- Data privacy protection for Consortium blockchain

[https://www.mdpi.com/journal/electronics/special\\_issues/OL33ACB8U0](https://www.mdpi.com/journal/electronics/special_issues/OL33ACB8U0)

### Guest Editor

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### Deadline for manuscript submissions

closed (30 November 2023)



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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.

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### Editor-in-Chief

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