

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

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Guest Editor

Dr. Hamed Taherdoost

Department of Arts, Communications and Social Sciences, University Canada West, Vancouver, BC V6B 1V9, Canada

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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

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