



Advances in Blockchain Technology

Guest Editor:

Dr. Jan Lansky

Department of Computer Science
and Mathematics, Faculty of
Economic Studies, University of
Finance and Administration, 101
00 Prague, Czech Republic

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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.





Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and
Informatics, De Montfort
University, The Gateway,
Leicester LE1 9BH, UK

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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Mathematics Editorial Office
MDPI, St. Alban-Anlage 66
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