

Special Issue

Blockchain Technologies: Trends, Challenges, Potentials and Applications

Message from the Guest Editors

This Special Issue provides an in-depth analysis of the complex and diversified field of blockchain technology. It aims to examine the changing patterns, challenges, possibilities, obstacles, and wide-ranging applications of blockchain technology across several fields. It also aims to provide a thorough overview of the latest developments and new paradigms in the field of blockchain, drawing on insightful contributions from top researchers and practitioners. The subjects addressed encompass a range of topics such as decentralized finance (DeFi), the interoperability of blockchain technology, solutions for scalability, processes for consensus, smart contracts, techniques for strengthening privacy, and scenarios for real-world deployment, among others. This Special Issue seeks to enhance comprehension of blockchain's disruptive potential and promote its incorporation into practical systems and industries by combining state-of-the-art research findings and practical insights. Essentially, it will serve as a valuable resource for scholars, business experts, politicians, and enthusiasts seeking to navigate the rapidly evolving field of blockchain technologies.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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