

## Special Issue

# Advanced Blockchain Technology and Its Applications

### Message from the Guest Editors

In recent years, blockchain technology has rapidly evolved from its origins in cryptocurrency to become a foundational innovation across multiple industries. As a decentralized, transparent, and secure ledger, blockchain offers transformative potential for sectors ranging from finance, healthcare, and supply chain management to energy, education, and governance. This Special Issue, 'Advanced Blockchain Technology and Its Applications', explores the cutting-edge developments in blockchain technology and their far-reaching implications. The articles included in this edition showcase groundbreaking research, novel methodologies, and case studies that demonstrate how blockchain is reshaping industries and solving complex problems. Suggested themes and article types for submissions: advancements in consensus mechanisms, smart contracts, and decentralized applications (dApps); scalability, security, interoperability, operation, and sustainability. We look forward to receiving your contributions.

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### Guest Editors

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### Deadline for manuscript submissions

30 September 2025



## Applied Sciences

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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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### Editor-in-Chief

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