

## Special Issue

# Blockchain Technologies: Emerging Trends and Real- World Applications

### Message from the Guest Editors

This Special Issue focuses on recent developments, challenges, and future directions in blockchain technologies, covering both theoretical and practical aspects. It aims to provide a platform for researchers, practitioners, and policymakers to share insights into the latest trends and innovations. Topics of interest include novel blockchain architectures, interoperability solutions, security enhancements, combinations with other technologies like AI or IoT, and real-world applications in various domains. Suggested themes and article types for submissions:

- Blockchain-based security and privacy solutions
- Decentralized Finance (DeFi) and cryptocurrency innovations
- Smart contracts and their applications in various sectors
- Blockchain interoperability and scalability challenges
- Supply chain and logistics applications
- Healthcare and data management solutions using blockchain
- Applications in the energy sector
- Regulatory and legal implications of blockchain technology and tokenomics
- Consensus mechanisms and their evolution
- Blockchain integration with Artificial Intelligence and IoT
- Sustainability and energy efficiency in blockchain networks

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### Guest Editors

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### Deadline for manuscript submissions

15 May 2026



## Electronics

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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 guestedited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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