

## Special Issue

# Cryptography and Blockchain Technologies—Present Applications and Future Researches

### Message from the Guest Editors

This Special Issue is focused on the state of the art of development and research on cryptography and blockchain technologies...We solicit recent application-based research on cryptography and blockchain technologies. Review papers are also welcome that address new directions in these domains and tracks. Cryptography Tracks:eg: Cryptographic tools for network security and privacy protection; Novel cryptographic protocols; Cryptanalysis (classical and quantum) and deanonymization; Quantum cryptography and standardization efforts in quantum-resistant cryptography; Code-based, lattice-based, hash-based, isogeny-based, multivariate cryptography... Performance, Security and Privacy Aspects:eg: Security Token offering; Tokenized security;Zero-knowledge proof (ZKP); Decentralization, scalability, and security tradeoff of blockchain technology; Protocols and algorithms based on blockchain and security aspects... Blockchain Trackseg: Present technologies and architectures;Advanced blockchain-based systems and architectures and future trends; Future blockchain-based use cases; Performance, security and privacy aspects...

### Guest Editors

Prof. Dr. Remigiusz Wiśniewski

Institute of Control and Computation Engineering, University of Zielona Góra, Prof. Z. Szafrana 2, 65-516 Zielona Góra, Poland

Prof. Dr. Aniruddha Bhattacharjya

1. Department of Electronic Engineering, Tsinghua University, Beijing 100084, China

2. Founder Chairman and Executive Director, BCB RBAB Intercontinental Trading Solutions Private Limited, Kolkata 700084, India

### Deadline for manuscript submissions

closed (30 April 2024)



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*Symmetry*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[symmetry@mdpi.com](mailto:symmetry@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

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### Editor-in-Chief

Prof. Dr. Sergei Odintsov  
ICREA, 08010 Barcelona and Institute of Space Sciences (IEEC-CSIC),  
C. Can Magrans s/n, 08193 Barcelona, Spain

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