

## Special Issue

# Advances in Blockchain Challenges and Opportunities

### Message from the Guest Editors

The aim of this Special Issue on “Advances in Blockchain Challenges and Opportunities” is to cover the latest advancements in Blockchain technologies regarding addressing challenges and discovering opportunities. Blockchain technologies have been developed very fast, especially in the last couple of years. Blockchain technologies have brought opportunities to and have renovated various fields. We invite contributions from academics, policymakers and practitioners on the following topics (but is not limited to):

- Blockchain-based IoT sensor infrastructures
- Blockchain-based sensor networks and digital twins
- Use of Blockchain in digital health sensor networks
- Energy efficiency and cryptocurrency mining
- Decentralized finance (DeFi), ecosystem and security
- Decentralized Autonomous Organization (DAO), Decentralized Autonomous Corporation (DAC), governance and regulation
- Non-Fungible Tokens (NFTs), Metaverse and platforms
- Privacy preservation, zero-knowledge proof, FPGA acceleration, secure multi-party computation
- On-chain analysis, de-anonymization, dark deep web
- GameFi, Play2Earn, consensus and incentive systems
- Blockchain-based Web 3.0 applications

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### Guest Editors

Dr. Wenlin Han

Dr. Barbara Guidi

Dr. Gora Datta

Prof. Dr. Ahmed Banafa

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### Deadline for manuscript submissions

closed (31 August 2023)



## Sensors

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

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## About the Journal

### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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