



symmetry

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Advances in Cybersecurity, Blockchain and Symmetry/Asymmetry

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Deadline for manuscript
submissions:

30 November 2024

Message from the Guest Editor

Dear Colleagues,

Cryptography, as an essential tool for protecting information security, is not only recognized at the technical level, but also explicitly affirmed and supported at the legal and educational levels. Concurrently, as a vital support for the digital economy, the application of blockchain technology is gradually expanding from the financial sector to more areas, such as governance, healthcare, education, and the Internet of Things, becoming a key technology for promoting the digital transformation of societies and economies. Blockchain and cryptographic technologies can complement each other to jointly build a secure and transparent system for data management and processing. Blockchain provides a reliable platform for data storage and verification, while cryptographic techniques ensure the privacy and security of the data. This combination can protect personal privacy, while enabling efficient data sharing and utilization. Therefore, we need to integrate encryption and blockchain to achieve efficient and secure technology...



mdpi.com/si/202209

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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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