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Blockchain-Enabled Technology for IoT Security, Privacy and Trust

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Message from the Guest Editors

Dear Colleague,

The Internet-of-Things (IoT) is an emerging paradigm seamlessly integrating a great quantity of smart objects connected to the Internet. With the rise in interest around the IoT, further attention must be devoted by the research community and industry to overcoming related trust, security and privacy challenges, to unleash the full potential of the IoT. Recently, blockchain technology has been perceived as a promising solution for managing distributed IoT devices because it has the characteristics of decentralization, openness and tamper resistance. Although numerous studies have addressed various applications of blockchain technology in the IoT, there is no consensus regarding their integration, nor do agreed-upon best practices exist for applying blockchain technology in the IoT with robust security and privacy. As things stand, employing blockchain technologies in the IoT is still particularly challenging. This Special Issue invites original research that investigates blockchain-enabled technologies for IoT security, privacy and trust.



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Special Issue



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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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