

Special Issue

Advanced Blockchain Technology for the Internet of Things

Message from the Guest Editor

The realm of Computer Engineering is witnessing a profound transformation as the Internet of Things (IoT) revolutionizes traditional industries, turning them into intelligent sectors powered by data-centric decision making. However, the inherent attributes of the IoT pose several complex challenges, including decentralization, deficient interoperability, and vulnerabilities related to privacy and security. Blockchain inherently complements the IoT by presenting enhanced interoperability, privacy, security, reliability, and scalability. The symbiotic relationship between the Internet of Things (IoT) and blockchain technology is ushering in a paradigm shift in communication and interaction. This Special Issue on 'Advanced Blockchain Technology for the Internet of Things' examines the novel paradigm that integrates blockchain with the IoT, resulting in a convergence termed Blockchain of Things (BCoT).

Guest Editor

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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