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## Blockchain Technology for Internet of Things

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### Message from the Guest Editor

Dear Colleagues,

Blockchain is a decentralized, distributed ledger technology that ensures data security, transparency, and immutability through a network of nodes that validate and record transactions in linked blocks. It eliminates intermediaries, reduces data tampering, and enhances trust. The IoT is a network of interconnected devices communicating and exchanging data over the internet, enabling real-time monitoring, data collection, and automation across various sectors. The convergence of blockchain and IoT addresses IoT's challenges, such as security, privacy, and interoperability, through secure data exchange, automated processes via smart contracts, and decentralized peer-to-peer communication. This Special Issue aims to explore blockchain's application in enhancing IoT across multiple domains.

Dr. Faisal Jamil  
*Guest Editor*



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**Special** Issue



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## Message from the Editor-in-Chief

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