



## Advances in Security and Blockchain Technologies

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### Message from the Guest Editors

Blockchain technology is one of the most exciting technologies developed in recent years. When talking about blockchain technology, we will most likely hear of its several benefits. It is based on the concepts of cryptography, decentralization and consensus, which has revolutionized the way of record-keeping and ensured that each transaction is true and correct. While blockchain technology produces an immutability ledger of transactions, blockchain networks are not immune to cyberattacks and fraud. Hackers or malicious attackers can manipulate known vulnerabilities in blockchain infrastructure to destroy the blockchain system to obtain illegal benefits. Common attack methods include phishing, routing, Sybil and 51% attacks. In today's digital world, it is essential to take steps to ensure the security of both blockchain design and the environment. It is important to remember that security is an ongoing effort, and no technology can ever be fully secure at all times, particularly with the interconnection of various technology components and constant technological advancements. Theoretical and experimental studies are welcome, as well as comprehensive reviews and survey papers.





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## Message from the Editor-in-Chief

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