

Special Issue

Advances in Security and Blockchain Technologies

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.

Guest Editors

Prof. Dr. Wei Liang

Prof. Dr. Xiong Li

Prof. Dr. Muhammad Khurram Khan

Deadline for manuscript submissions

closed (15 March 2024)



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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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