Special Issue

Security and Privacy in Networks

Message from the Guest Editors

- lightweight security and privacy mechanisms for resource-constrained devices (e.g., IoT, wearable devices, and mobile sensors)
- secure and scalable routing protocols in wireless sensor networks and mobile ad hoc networks
- privacy by Design frameworks and methodologies for system and application development
- privacy-preserving computing applications, including federated learning and secure multi-party computation
- secure data aggregation techniques for distributed systems
- access control and authentication mechanisms for heterogeneous networks
- post-quantum cryptography techniques and their applicability in next-generation networks
- blockchain-based security frameworks for decentralized networks and IoT ecosystems
- intrusion detection and prevention systems (IDPSs) leveraging machine learning and AI
- network anomaly detection for real-time threat identification
- cybersecurity in 5G and beyond: architectures, protocols, and privacy challenges
- security and privacy in edge and fog computing environments

Guest Editors

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Deadline for manuscript submissions

closed (31 August 2025)



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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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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