Special Issue

Recent Advances and Applications of Network Security and Cryptography

Message from the Guest Editor

With the rapid growth of the Internet, network security has become an inevitable challenge for any organization whose internal private systems are connected to the Internet. The paradigm shift to variable interconnection topologies in network environments introduced challenges to traditional network security approaches. Various types of attacks and threats pose ongoing challenges, such as malware, distributed denial of service attacks, man-in-the-middle (MitM) attacks, and identity and access management attacks. The flexibility in interconnections makes systems susceptible to various attacks from eavesdroppers. These attacks and threats underscore the complexity of network security, prompting organizations and individuals to implement multi-layered security measures, including firewalls, intrusion detection systems, encrypted communication, regular updates, and vulnerability management.

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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.

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