

Special Issue

Emerging Topics in Wireless Security and Privacy towards 6G Networks

Message from the Guest Editors

The International Telecommunication Union (ITU) has suggested that the Sixth Generation (6G) wireless networks will realize pervasive, intelligent, efficient connections among humans, machines and things, bridge the physical and virtual worlds, and integrate the sensing and artificial intelligence (AI) as new typical scenarios. These upcoming changes will introduce new security challenges. Meanwhile, the users and applications of 6G will shift towards a smart industry, digital healthcare, digital twin and extended world, etc., which leads data transmission, storage and utilization to become much more vulnerable to privacy leaks and illegal usages. Since security, privacy and resiliency are emphasized as the key integrated capabilities of the 6G network, it is crucial to develop new security and privacy techniques to incorporate in the design of 6G networks. In this regard, the objective of this Special Issue is to develop ground-breaking techniques to provide security and privacy for 6G wireless communications. Original research articles and reviews are welcome.

Guest Editors

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Deadline for manuscript submissions

closed (15 July 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 guest-edited by leading experts in selected topics of interest.

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