

Special Issue

Security and Privacy in AI and Large Model-Driven 6G Networks

Message from the Guest Editors

We are entering the era of 5G Beyond or 6G, where the mobile network has evolved from primarily connecting people to the Internet to facilitating connections between people, things, and AI agents. Consequently, it has become apparent that the security architecture of 5G falls short in meeting the security and privacy requirements of 6G networks. This Special Issue aims to tackle the critical challenges and opportunities surrounding security and privacy in the rapidly evolving landscape of 6G networks, applications, and services, arising from the integration of large-scale models and AI. Moreover, novel foundational theories and technologies such as blockchain, quantum cryptography, and semantic secure communications will be covered in this Special Issue. With a focus on original research articles and reviews, this issue aims to explore various dimensions of security and privacy in the context of 6G, fostering a deeper understanding of emerging threats and innovative solutions.

Guest Editors

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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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