

Special Issue

Securing the Future: Emerging Security and Radio Access Technologies for 5G/6G Networks

Message from the Guest Editor

This Special Issue invites contributions that address the development of advanced security mechanisms integrated within next-generation architectures. Topics include the design of secure 6G architectures that incorporate zero trust principles and seamlessly integrate user-centric security; intent-based policies; and adaptive security services across 5G and beyond networks. We are particularly interested in research that develops standardized metrics for evaluating security quality, establishes robust certification frameworks, and implements secure coding practices to mitigate vulnerabilities during development. In parallel, the Issue welcomes innovative studies on emerging radio access network (RAN) technologies, including OpenRAN, which promise enhanced flexibility and efficiency in network deployment and update procedures. Contributions may cover cross-layer security evaluations, API-based advanced security schemes, and methods for effective vulnerability management.

Guest Editor

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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