



Nishjin Plaza, Kyushu University, Fukuoka, Japan

CALL FOR PAPERS

Special Session on 'Security and Applications of Smart Communication Techniques'

2024 6th International Electronics Communication Conference

Conference Website: <https://www.iecc.net/>

July 19-21, 2024 | Nishjin Plaza, Kyushu University, Fukuoka, Japan



ORGANIZED AND CHAIRED by

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SPECIAL SESSION DESCRIPTION (no more than 150 words)

The 6G technology is expected to revolutionize wireless communication, transforming it from "connected things" to "connected intelligence." Integrating the Internet of Things (IoT) and Beyond 5G (B5G) will lead to significant economic growth. However, security hazards and the potential for infected systems will be integral elements of insecure communication. To enhance security protection, diverse security mechanisms are needed. Cryptography is a crucial security mechanism against hacking, data breaches, and identity theft. Other security mechanisms include IoT authentication, intrusion detection and prevention, reverse engineering, blockchain technology algorithms, and post-quantum cryptography.

This Issue offers insights into the latest developments in the security and privacy of intelligent communication techniques. It provides application/subsystem-specific solutions and an integration framework for federating security functions. We aim to attract diverse researchers, academics, designers, and others to discuss these issues from various perspectives, making it a must-read for researchers and practitioners.

TOPICS COVERED (no more than 5)

1. Artificial Intelligence and expert systems
2. Security and privacy issues in IoT and 6G networks
3. Lightweight cryptographic algorithms and protocols
4. Attack detection and mitigation strategies
5. Quantum-safe applications

Schedule:

Deadline for submission of the paper (s) to the Electronic Submission System by selecting the



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desired special session - April 21, 2024

Notification of acceptance – May 20, 2024

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