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Machine Learning (ML) Augmented Communication Techniques for Secure Mobile Heterogeneous Wireless Networks and Safety Critical Networks

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Deadline for manuscript submissions:
15 December 2024

Message from the Guest Editors

This Special Issue aims to address issues that are involved in the analysis, design, and implementation of different communication layers featuring in a heterogeneous wireless network for seamless mobility, security, and resource allocation augmented with AI/ML, SDN, and other new technologies, including techniques that can help to secure this communication.

This includes: Heterogeneous wireless networks;
Seamless mobility in heterogeneous wireless networks;
Satellite communications;
Vehicular communications networks based on software-defined networks;
AI/ML-assisted radio link selection;
Channel design and coding;
AI/ML-assisted cybersecurity for heterogeneous wireless networks;
Mobility protocols for fast moving vehicular communications networks;
SDN-assisted security architecture for heterogeneous wireless networks;
Link selection in multi-link node wireless networks;
Handovers in wireless networks;
Load balancing in wireless networks;
Network management;
Encryption techniques for transmitter and receiver design;
Cybersecurity.

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Message from the Editor-in-Chief

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