

Special Issue

Advances in Wireless Networking

Message from the Guest Editors

Potential topics of this Special Issue include, but are not limited to, the following research areas:

- Artificial Intelligence (AI) and Machine Learning (ML)-based network optimization, including spectrum access, traffic prediction, and energy-aware communication.
- Energy-efficient and green communication protocols to optimize power consumption in IoT networks, vehicular communication (V2X), and edge computing.
- Non-Terrestrial Networks (NTN) and satellite IoT, including hybrid terrestrial-satellite communication, UAV-assisted networking, and aerial reconfigurable intelligent surfaces (Aerial-RIS).
- Ultra-Reliable Low-Latency Communication (URLLC) and massive Machine-Type Communication (mMTC) for real-time applications in smart cities, industrial automation, and healthcare IoT.
- Security, privacy, and trust mechanisms to counteract cyber threats, jamming, eavesdropping, and adversarial attacks in next-generation wireless networks.
- Mobility management, seamless handover, and routing optimizations for uninterrupted communication in heterogeneous and ultra-dense networks.

Guest Editors

Dr. Adeel Iqbal

School of Computer Science and Engineering, Yeungnam University,
Gyeongsan 38541, Republic of Korea

Dr. Ali Nauman

School of Computer Science and Engineering, Yeungnam University,
Gyeongsan 38541, Republic of Korea

Deadline for manuscript submissions

31 December 2025



Future Internet

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 8.3



mdpi.com/si/232190

Future Internet
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
futureinternet@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Future Internet is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

Editor-in-Chief

Prof. Dr. Gianluigi Ferrari
Department of Engineering and Architecture, University of Parma,
Parco Area delle Scienze, 181/A, 43124 Parma, Italy

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