Special Issue

5G Wireless Communication Networks

Message from the Guest Editors

The purpose of this Special Issue is to provide the academic and industrial communities with an excellent venue covering all aspects of current work on emerging trends in 5G wireless communications and its use cases. Potential topics include but are not limited to the following:

- Deployment of MEC for 5G systems.
- Offloading algorithms for MEC based radio access networks.
- Designing and developing intelligent core network for 5G systems based on SDN.
- Integrating SDN core network with MEC based radio access network.
- Al algorithms for 5G systems.
- Network slicing and NFV.
- Novel network structures that support both dense deployment and ultra-low latency applications.
- 6G networks and enabling technologies.

Guest Editors

Dr. Ammar Muthanna

Department of Communication Networks and Data Transmission, Saint-Petersburg State University of Telecommunications, 193232 St. Petersburg, Russia

Prof. Dr. Mohammed Abo-Zahhad

School of Electronics, Communications and Computer Engineering, Egypt-Japan University of Science and Technology (E-JUST)New Borg El-Arab, Alexandria 21934, Egypt

Deadline for manuscript submissions

closed (31 January 2023)



Future Internet

an Open Access Journal by MDPI

Impact Factor 3.6 CiteScore 8.3



mdpi.com/si/81798

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

mdpi.com/journal/ futureinternet





Future Internet

an Open Access Journal by MDPI

Impact Factor 3.6 CiteScore 8.3



futureinternet



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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, ESCI (Web of Science), Ei Compendex, dblp, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Computer Science, Information Systems) / CiteScore - Q1 (Computer Networks and Communications)