



Emerging Innovative Technologies in 6G Telecommunication: Challenges and Solutions

Guest Editors:

Prof. Dr. Seung-Hoon Hwang

Division of Electronics and Electrical Engineering, Dongguk University, Seoul 04620, Republic of Korea

Prof. Dr. Oh-Soon Shin

School of Electronic Engineering, Soongsil University, Seoul 156-743, Republic of Korea

Dr. Junsu Kim

Department of Electronics Engineering, Tech University of Korea, Siheung 15073, Gyeonggi-do, Republic of Korea

Deadline for manuscript submissions:

15 September 2024

Message from the Guest Editors

6G is expected to be the next major leap in wireless technology, pushing the boundaries of connectivity and enabling innovative applications beyond the capabilities of 5G. In line with these advancements, we are pleased to announce a call for papers for this Special Issue on “Emerging Innovative Technologies in Telecommunication: Challenges and Solutions.”

Papers submitted to this Special Issue may cover various topics related to emerging innovative technologies in telecommunication, including but not limited to:

- Novel communication and network architectures for 6G;
- Integration of emerging technologies, such as Internet of Things (IoT), edge computing, or block chain, with telecommunication systems;
- Artificial intelligence and machine learning applications in telecommunication;
- Positioning technologies in telecommunication;
- Security and privacy challenges and solutions in next-generation telecommunication networks;
- Network optimization and resource management techniques for 6G;
- Spectrum-efficient technologies in telecommunication;
- Sustainable and energy-efficient telecommunication technologies.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Author Benefits

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

High Visibility: indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

Contact Us

Electronics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](https://twitter.com/electronicsMDPI)