

Special Issue

Innovative Technologies in Telecommunication

Message from the Guest Editor

5G wireless communication will become a core infrastructure for the fourth industrial revolution (4IR). One of the major objectives of 5G is to meet projected mobile traffic demand and to holistically address the communications needs of most sectors of the economy, including the automotive, manufacturing, media, retail, and consumer sectors. Therefore, innovations in telecommunication with 4IR drive new research opportunities in a variety of areas including artificial intelligence (AI), cloud computing, big data, Internet of Things (IoT), and mobile communications. In this Special Issue, we are particularly interested in describing, defining, and quantifying the potential problems in telecommunications and looking for innovative solutions, prototypes, and demonstrators which may be applied in economic sectors. Topics of interests include but not limited to: AI technologies such as machine/deep learning in telecommunication IoT technologies such as cars, robots, drones, and wearable devices in telecommunication 5G/6G technologies for eMBB, URLLC, and mMTC in telecommunication Positioning technologies in telecommunication Spectrum-efficient technologies in telecommunication

Guest Editor

Prof. Dr. Seung-Hoon Hwang

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

Deadline for manuscript submissions

closed (1 July 2022)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/44371

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

[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Flavio Canavero

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus /
SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /
CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).