

Special Issue

Future Networks: New Advances and Challenges

Message from the Guest Editors

The purpose of this Special Issue is to gather papers that define the advancement of future networks, and their services and challenges. We are seeking the latest original contributions that have not been published and are not currently under process in any other journal. The potential topics of interest include, but are not limited to, the following:

- Smart cities
- Network functions virtualization (NFV)
- Software defined networking (SDN)
- Internet of things
- Future network software and services
- QoS/QoE mechanisms for future networks
- Future communication architectures
- Energy harvesting and power management in future networks
- Security and privacy in future networks
- Environmental and social sustainable applications
- Edge computing, fog computing and cloud computing in future networks
- Artificial Intelligence, machine learning in future networks
- Data analytics and scalable/parallel/distributed computing algorithms in future networks

Guest Editors

Prof. Dr. Dongkyun Kim

School of Computer Science and Engineering, Kyungpook National University, Daegu 41566, Republic of Korea

Dr. Muhammad Azfar Yaqub

Faculty of Engineering, Free University of Bolzano, 39100 Bolzano, Italy

Deadline for manuscript submissions

closed (30 November 2020)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/29505

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 guestedited 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).