

# Special Issue

## Beyond 5G Evolution

### Message from the Guest Editor

Compared to 4G, 5G pushes the usage of radio spectrum to the next level and enables the configuration of both radio access and the core network segments, thanks to the concept of network slicing and the use of virtualization technologies. Future 5G seeks to connect a denser more diverse range of devices, at far higher speeds with far lower latency and constitutes one of the most ambitious and challenging technology rollouts of the modern era. The success of 5G will depend to a great extent on how it is embraced by the new type of customers that 5G targets: the vertical industries. Practical experience with 5G deployments is needed, from customers, network operators and equipment vendors. In parallel to this, there are already some "beyond-5G" efforts appearing. The goal of this Special Issue is to share research efforts on the design, adaptation and enhancement of beyond-5G mobile networks.

### Guest Editor

Prof. Dr. Carlos J. Bernardos

Department of Telematics Engineering, Universidad Carlos III de Madrid, Avda. Universidad, 30, 28911 Leganes (Madrid), Spain

### Deadline for manuscript submissions

closed (31 March 2021)



## Electronics

an Open Access Journal  
by MDPI

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/26993](https://mdpi.com/si/26993)

*Electronics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto: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).