

## Special Issue

# Prospective Multiple Antenna Technologies for 5G and Beyond

### Message from the Guest Editors

The main objective of this Special Issue is to report recent advances in antenna designs from sub-6 GHz to THz frequency spectrum for 5G and beyond communications and sensing systems. Authors of both theoretical and application-oriented papers presenting emerging antenna technologies including massive MIMO, beamforming MIMO/arrays, along with the design of intelligent reflecting surfaces are most welcome to submit their manuscripts. Submissions can focus on conceptual and applied research, including but not limited to the following topics:

- MIMO full-duplex antenna system
- Massive MIMO antennas
- Intelligent Reflecting Surfaces for 5G and beyond
- Phased array and beamforming antennas
- mm-wave and THz antennas
- Metamaterial/metasurface based antennas
- Reconfigurable antennas
- Multi-band antennas
- Sub-6 GHz and mm-wave integrated antennas
- Base station and terminal antennas
- Wearable and implantable antennas
- Antennas for wireless sensing and wireless power transfer
- Antenna design techniques and measurement for 5G

---

### Guest Editors

Dr. Niamat Hussain  
Prof. Dr. Nam Kim  
Dr. Syeda Iffat Naqvi

---

### Deadline for manuscript submissions

closed (30 April 2022)



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/94543](https://mdpi.com/si/94543)

*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 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).