

## Special Issue

# Antenna Design for Microwave and Millimeter Wave Application

### Message from the Guest Editors

This Special Issue will summarize and present to a wider public audience some state-of-the-art achievements in antenna theory design, technology, production and testing, with a focus on micro- and millimeter wave ranges. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Mobile communications—5 and 6G networks, including cellular-to-satellite;
- Aerospace and radar applications;
- Antennas for medical applications;
- Antenna design for IoT, RFID and on-chip applications;
- Antennas for GNSS applications;
- Deterministic and nondeterministic (natural) fractal antennas;
- Antenna design for deep space communication;
- Antenna design for biomedical systems and applications;
- Bandgap and metamaterial antennas and structures;
- Reflectarrays;
- Antennas for Terahertz applications;
- Leaky wave antennas;
- Contemporary antenna manufacturing processes;
- Antenna measurements in the microwave and millimeter wave range.

---

### Guest Editors

Dr. Peter Z. Petkov

Faculty of Telecommunications, Technical University of Sofia, 1156 Sofia, Bulgaria

Prof. Dr. Ilia Iliev

Department of Radiocommunications, Technical University of Sofia, 1156 Sofia, Bulgaria

---

### Deadline for manuscript submissions

closed (15 February 2025)



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/210788](https://mdpi.com/si/210788)

*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).