





an Open Access Journal by MDPI

Antenna Design for Microwave and Millimeter Wave Application

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:

15 February 2025

Message from the Guest Editors

Dear Colleagues,

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 was enange.









an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

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

Journal Rank: JCR - Q2 (Physics, Applied) / CiteScore - Q2 (Control and Systems

Engineering)

Contact Us