electronics

an Open Access Journal by MDPI

IMPACT FACTOR 2.6

CITESCORE 5.3

Advances in Antenna and Terahertz Communications

Guest Editors:

Dr. Lehu Wen
Department of Electronic and Electrical Engineering, Brunel University London, Uxbridge UB8 3PH, UK

Prof. Dr. Wei Hu
National Key Laboratory of Antennas and Microwave Technology, Xidian University, Xi'an 710071, China

Dr. Qingling Yang
Novocomms Limited, Birmingham B16 9NX, UK

Deadline for manuscript submissions:
closed (15 October 2024)

Message from the Guest Editors

Dear Colleagues,

Terahertz communication is one of the key technologies in 6G systems to provide extreme speed and low latency in high date-rate transmission. As a key front-end interface from active circuits to the free space in communication systems, antennas play a significant role in transmitting and receiving wireless signals. Antennas are facing a series of new challenges in 6G applications, especially for the terahertz communications, such as ultra-high frequency band, ultra-low profile, large-scale array design, extremely high fabrication accuracy, etc.

This Special Issue aims to provide an international forum for researchers to disseminate their latest findings on the techniques, applications, and understanding in realizing antennas for 6G and terahertz communication systems.

Research areas may include (but not limited to) the following:

(1) New methods of realizing antennas for base station applications;

(2) New methods of realizing antennas for satellites applications;

(3) New methods of realizing antennas for smart sensing applications;

(4) Array designs with smart beams for 6G applications;

.....

mdpi.com/si/197750

Special Issue

electronics

IMPACT FACTOR 2.6

CITESCORE 5.3

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

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
𝕏@electronicsMDPI