electronics

IMPACT FACTOR 2.9

CITESCORE 4.7

an Open Access Journal by MDPI

Terahertz Technology and Its Applications

Guest Editor:

Dr. Victor Pacheco Peña
School of Mathematics, Statistics and Physics, Newcastle University, Newcastle upon Tyne NE1 7RU, UK

Deadline for manuscript submissions:
closed (15 October 2020)

Message from the Guest Editor

The Terahertz frequency range (0.1 – 10)THz falls has demonstrated to provide many opportunities in different fields, such as high-speed communications, biomedicine, sensing, and imaging. This frequency range, lying between the fields of electronics and photonics, has been historically known as “terahertz gap” because of the lack of experimental as well as fabrication technologies. However, many efforts are now being carried out worldwide in order improve technology working at this frequency range. Within this context, the aim of this Special Issue is to provide a mechanism to highlight the work being done within this range of the electromagnetic spectrum. The topics covered (but not limited to) within this Special Issue are the following:

- terahertz metamaterials and metasurfaces;
- terahertz antennas;
- sensing at terahertz frequencies;
- non-destructive testing;
- terahertz imaging and its applications;
- terahertz spectroscopy;
- communication systems at terahertz;
- advanced terahertz materials;
- plasmonics

electronics

IMPACT FACTOR 2.9

CITESCORE 4.7

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, and other databases.
Journal Rank: JCR - Q2(*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

Contact Us

Electronics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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