

Special Issue

Applications of Electromagnetic Waves, Volume II

Message from the Guest Editor

The objective of this Special Issue is to provide an overview of the current research on “Applications of Electromagnetic Waves”, highlighting the latest developments and innovations in modern applications, including, but not limited to, the following: communication systems, wireless power transfer, sensors, imaging, non-destructive testing, circuits, radar, antennas, micro-electromechanical systems, power generation and transmission, RFID, and so on. We will also try to identify new challenges and opportunities for new applications.

Keywords:

- Imaging with electromagnetic waves
- Sensing with electromagnetic waves
- Electromagnetic applications to biomedicine
- Electromagnetic applications to nanotechnology
- Electromagnetic measurements
- Electromagnetic modeling of devices and circuits
- Inverse scattering and inverse electromagnetic problems
- Electromagnetic radiators and antennas
- Wireless power transfer based on electromagnetic waves
- Radio-frequency identification (RFID)

Guest Editor

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Deadline for manuscript submissions

closed (10 December 2021)



Electronics

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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 guest-edited by leading experts in selected topics of interest.

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