

Special Issue

Innovative Antenna Systems: Challenges, Developments, and Applications

Message from the Guest Editors

The antenna system used for any radio communication platform is one of the critical and least understood parts of the wireless communication system. In this SI we define and discuss the different types of antennas in both single and array configurations for various applications at microwave, millimeter-waves, and terahertz spectrums. Therefore, the main aim of this SI is to seek high-quality submissions that highlight emerging applications and address recent breakthroughs in antenna system designs. The topics of interest include but are not limited to the following:

- antennas and wave propagations
- array antennas
- multiple-input multiple-output (MIMO) systems
- synthetic aperture radar (SAR)
- electromagnetics systems
- matching networks
- high frequency circuits (HFCs)
- metamaterials (MTMs) and metasurfaces (MTSs)
- substrate-integrated waveguide (SIW)
- radio frequency identification (RFID)
- millimeter-waves (mm-Waves) and terahertz (THz) spectrums

Guest Editors

Dr. Mohammad Alibakhshikenari

Electronics Engineering Department, University of Rome "Tor Vergata",
00133 Rome, Italy

Prof. Dr. Ernesto Limiti

Department of Electronic Engineering, University of Roma Tor Vergata,
00133 Roma, Italy

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closed (31 December 2022)



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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

Editor-in-Chief

Prof. Dr. Flavio Canavero

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

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