



Innovative Antenna Systems: Challenges, Developments, and Applications

Guest Editors:

**Dr. Mohammad
Alibakhshikenari**

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

Prof. Dr. Ernesto Limiti

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

Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editors

Dear Colleagues,

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





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Editor-in-Chief

Prof. Dr. Flavio Canavero

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

Message from the Editor-in-Chief

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