



Innovative Antenna Systems: Challenges, Developments, and Applications

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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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Message from the Editor-in-Chief

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