

Special Issue

Emerging Research in Microwave Systems and Applications

Message from the Guest Editors

The electromagnetic (EM) spectrum is becoming overcrowded with a variety of wireless signals and other communication and sensing circuits and devices. This has led to an increased interest in the design of RF and microwave systems and subsystems to help to decongest the overwhelmed EM spectrum. However, journals currently available for accepting and publishing research outputs in this field are scarce. This Special Issue will focus on systems and applications that operate within the radiofrequency (RF) and microwave frequency bands. Electromagnetic (EM) waves with frequencies ranging from 300 to 300 GHz are classified as microwaves. This frequency range corresponds to the free space wavelengths of 1 m to 1 mm, respectively. EM waves with frequencies ranging from 30 to 300 GHz are classified as millimetre waves, because their wavelengths fall above 1 mm and below 10 mm. The radiofrequency (RF) spectrum falls below the microwave spectrum, though the boundary between the RF and microwave spectra is arbitrary and depends on the technology developed for the exploitation of the specific spectrum.

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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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