Special Issue

RF/Microwave Circuit Design and Characterization Techniques

Message from the Guest Editors

Radio-frequency (RF) and microwave/millimeter-wave technologies are becoming increasingly widespread, with a number of applications, including communications, wireless sensing systems, and wireless power transfer. They have had a significant impact on the internet-of-things (IoT) framework, as well as in biomedical, automotive, military, and many other industrial contexts.

The present Special Issue aims to collect original contributions and reviews reporting the state-of-the-art of RF/Microwave circuit design and experimental characterization techniques, with a particular focus on integrated semiconductor process technology, circuit design, test setup development, and instrumentation, but also including CAD techniques, electromagnetic analyses, high-frequency sensing technology, digital signal processing enhancements, and system-level methods. keywords: RF/microwave circuit design; RF/microwave electron devices; RF/microwave characterization and modeling techniques; RF/microwave instrumentation; Digital signal processing for RF/microwave systems; MMIC technology; Antenna design and characterization; CAD techniques

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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