

Special Issue

Advanced RF, Microwave, and Millimeter-Wave Circuits and Systems

Message from the Guest Editors

RF/microwave circuits and systems play a crucial role in all modern wireless communication and Internet of Things (IoT) applications. They are ubiquitous—from the wireless doorbell to keyless entry to our cars, from cooking to industrial heating, from cell phone to computer systems, from medicine to space technologies, they are everywhere. The vast and rapid technological development at many levels (e.g., in semiconductor device technologies, simulation models, component miniaturization, and system architectures) has enabled this enormous penetration of RF/microwave circuits and systems in our modern lives. To highlight the challenges and innovations in this field, authors are welcomed to submit regular research articles as well as nicely written review papers on the following topics (but not limited to):

- analysis, design, implementation and measurement of MIC, MMIC, and CMOS RF and microwave circuits and systems;
- impedance-matching networks, filters, device modeling, amplifiers (PAs and LNAs), RF transceivers, digital predistortion (DPD);
- power dividers/combiners, couplers, antennas, diplexers/multiplexers, wireless power transfer, energy harvesting.

Guest Editors

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Deadline for manuscript submissions

closed (15 August 2023)



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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

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