

Special Issue

RF/Mm-Wave Circuits Design and Applications

Message from the Guest Editor

This Special Issue will host the latest results in the field of RF and mm-wave ICs with a focus on active/passive components modelling, electromagnetic (EM) simulation of integrated passive devices, integrated circuit design, system-on-chip (SoC) integration, advanced package-to-chip co-design, new transceiver architectures, and antenna-to-chip co-design. The topics of interest include but are not limited to the following:

- RX front-end circuits (LNAs, mixers, VGAs, T/R switches, amplifiers, filters, and demodulators);
- Low-power transceivers (wireless circuits for low power operation, battery-less transceivers, wakeup receivers, RFID, and near-field communications);
- Oscillators and frequency synthesizers (VCOs, frequency dividers, multipliers, PLLs, and charge pumps);
- Transmitters and power amplifiers for 5G and mm-wave applications;
- Integrated radars, including vehicular radar sensors;
- mm-wave communication circuits and systems-on-chip;
- Galvanically isolated data/power transfer systems based on RF coupling;
- RF/mm-wave system applications.

Welcome to contribute.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2021)



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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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