Special Issue

RF/Microwave Circuits for 5G and Beyond

Message from the Guest Editors

The progress from fourth-generation (4G) networks to fifth-generation (5G) technology has transformed industry and society by enabling an unprecedented level of innovation on the radiofrequency (RF), microwave and millimeter wave (mmWave) components. 5G is widely seen as the generation of wireless communications that will enable RF/microwave applications to expand into a completely new set of use, case, and vertical markets.

This Special Issue invites academic and industrial scholars and researchers to contribute original research articles as well as review articles that seek to address the issues, trends, and challenges of design and application of RF/microwave components for 5G and beyond systems to support multistandard radio flexibility both at the base station and at the user terminal, whilst being energy-efficient in an energy conscious world.

Guest Editors

Dr. Yasir Al-Yasir

Dr. Chan Hwang See

Dr. Bo Liu

Deadline for manuscript submissions

closed (30 September 2022)



Electronics

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mdpi.com/si/67247

Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

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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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).

