Special Issue

Design of RF-CMOS Integrated Circuits for High-Speed Wireless Communication

Message from the Guest Editors

RF CMOS technology has revolutionized wireless communication by unlocking a broad spectrum of possibilities. Its versatility and efficiency make it essential for applications like smartphones, satellite communication, wireless sensing, and the Internet of Things. By performing effectively at radio frequencies, RF CMOS has transformed our connectivity landscape, driving the evolution of modern technology. As this technology continues to advance and integrate with emerging innovations, it promises to bring about exciting developments, further enhancing our connectivity and convenience. This Special Issue seeks to gather original research and review articles that highlight recent advancements, applications, and emerging challenges in RF CMOS integrated circuits and systems. We invite authors to submit manuscripts on the following topics:

- Building blocks and complete systems for wireless transceivers.
- Receivers, transmitters, frequency synthesizers, and RF filters.
- Design techniques for innovative applications, including sensing, radar, and imaging.

Guest Editors

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Deadline for manuscript submissions

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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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