

Special Issue

Millimeter-Wave-Integrated CMOS Radars and Communication Systems: Architecture and Circuit Designs

Message from the Guest Editors

This Special Issue will host the latest results in the field of integrated mm-wave CMOS ICs for radar and communication, with a focus on circuit design, architectures, component modelling, electromagnetic (EM) simulation, SoC integration, advanced package-to-chip co-design, and antenna-to-chip co-design. The topics of interest include, but are not limited to:

- Mm-wave CMOS front-end circuits (LNAs, mixers, VGAs, T/R switches, amplifiers, filters, demodulators)
- CMOS Oscillators and frequency synthesizers (VCOs, frequency dividers, multipliers, PLLs, charge pumps)
- CMOS transmitters and power amplifiers for mm-wave applications
- Integrated radar sensors
- mm-wave communication circuits and systems-on-chip

Guest Editors

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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.

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