

## Special Issue

# Recent Advances in RF, Microwave, and Millimeter-Wave Integrated Circuits and Devices

### Message from the Guest Editors

In recent decades, microwave electronics have represented the key element for the disruptive advancements and spread of wireless technologies, today finding applications in mobile and satellite telecommunications, IoT, automotive, quantum electronics, radars and remote sensing systems. The constant increase in performance-demanding applications is enabled by the continuous advancements in microwave technologies, from RF-CMOS to compound semiconductor processes, as well as in microwave integrated circuit design and characterization techniques. This Special Issue is devoted to collect selected papers, both original research papers and reviews, on RF, microwave and millimeter wave devices, circuits and systems. Relevant topics include but are not limited to:

- High-frequency integrated circuit analysis and design;
- Microwave measurement techniques;
- High-frequency devices and components;
- Antenna analysis and design;
- Radar systems;
- Remote sensing systems;
- Telecommunication systems.

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### Guest Editors

Prof. Dr. Paolo Colantonio

Dr. Chiara Ramella

Prof. Dr. Marco Pirola

### Deadline for manuscript submissions

closed (31 July 2023)



## Electronics

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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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### Editor-in-Chief

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