

## Special Issue

# Microwave Subsystems and Wireless Propagation

### Message from the Guest Editors

The prospective issue covers a broad spectrum of innovations in multi-disciplinary areas that have a great impact not only in academic fields, but also in industrial tracks. To meet the future requests for the modern microwave applications, significant advancements should be achieved in developing outstanding RF circuit topologies. The anticipated outcome of this issue is to improve many RF circuit aspects such as miniaturization, performance enhancement, power efficiency, and fabrication cost effectiveness. The current Special Issue invites all authors around the globe to share their latest results and findings in, but not limited to, the following topics:

- Wireless power transfer
- RF wireless energy harvesting
- Wideband and multiband RF-DC rectifier
- 5G and 6G millimeter wave antennas
- Remote sensing and radars
- Microwave imaging systems for biomedical applications
- MIMO and metamaterial systems
- Application of machine learning to various microwave components
- Passive microwave circuits

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### Guest Editors

Prof. Dr. Esmat A. Abdallah

Prof. Dr. Haruichi Kanaya

Dr. Mohamed M. Mansour

Prof. Ayman Mohamed Fekri Elboushi

Dr. Anwer Sayed Abdelhameed Ahmed

Dr. Xavier Le Polozec

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### Deadline for manuscript submissions

closed (31 December 2022)



## 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 guestedited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).