

Special Issue

Microwave Devices: Analysis, Design, and Application

Message from the Guest Editors

The aim of the Special Issue on “Microwave Devices: Analysis, Design, and Application” is to exchange experiences and research information on the theory, design, and simulation processes as well as the application of these devices. The main topics of this Special Issue cover the entire pipeline of microwave device development, including below but not limited to the following:

- Electromagnetic theory of signal propagation and processing;
- Electromagnetic CAD software tools to design and simulate microwave components;
- Technology and processes: fabrication, materials, and assembly;
- Measurement techniques to characterize the performances in different conditions (ambient or cryogenically cooled temperatures).

Welcome to your contribution.

Guest Editors

Dr. Tonino Pisanu

Dr. Paolo Maxia

Dr. Giacomo Muntoni

Deadline for manuscript submissions

closed (15 February 2025)



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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.

Editor-in-Chief

Prof. Dr. Flavio Canavero

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 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).