

Special Issue

State-of-the-Art Power Electronics Systems

Message from the Guest Editors

The Topic Editors are inviting submissions for a Special Issue entitled “State-of-the-Art Power Electronics Systems”. The scope of this Special Issue is to gather papers dealing with the analysis of electrical, thermal, and mechanical performances of state-of-the-art power electronics systems and with approaches to improve their reliability and mitigate detrimental effects induced by parasitics, thermal issues, solder delamination, and device failures. The manuscripts should be focused on—but not limited to—experimental characterization, modeling techniques (including model-order reduction), and low-resource-demanding, yet accurate, simulation methods where these topical issues are discussed. The deadline to submit papers to this special issue is **15 October 2023**. However, papers submitted in advance will be peer-reviewed and may be published well before this deadline. For more details, please click [here](#). We look forward to receiving your contributions.

Guest Editors

Dr. Antonio Pio Catalano

Prof. Dr. Vincenzo d'Alessandro

Dr. Ciro Scognamiglio

Deadline for manuscript submissions

closed (31 May 2024)



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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).