

Special Issue

Advanced Topologies, Control Methods, and Nonlinear Dynamics for Emerging Power Electronics Systems

Message from the Guest Editors

This Special Issue is devoted to the state-of-the-art technologies of "Advanced Topologies, Control Methods, and Nonlinear Dynamics for Emerging Power Electronic Systems", encompassing new power electronic topologies, advanced control technology, and nonlinear dynamic modeling and analysis. Topics of interest include, but are not limited to, the following:

- High-performance power conversion topologies;
- Topology and control of multiport converters;
- Advanced control for power electronic systems;
- Advanced power electronics for energy storage;
- Nonlinear dynamic modeling and analysis.

Welcome to [contribute](#).

Guest Editors

Prof. Dr. Guohua Zhou

Dr. Qingxin Tian

Dr. Shuhan Zhou

Deadline for manuscript submissions

closed (30 June 2023)



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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.

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).