

Special Issue

Advances in Pulsed-Power and High-Power Electronics

Message from the Guest Editors

The contributions included in this Special Issue will range from fundamental scientific research to practical applications and cover a diverse range of topics, highlighting the broad potential of pulsed-power technology and high-power electronics across multiple domains. The Special Issue aims to provide a platform for researchers, scientists, engineers, and experts to share their latest findings, cutting-edge technologies, and insights on practical applications in the field of pulsed-power technology and high-power electronics.

The scope of this Special Issue includes, but is not limited to:

- Pulsed-power sources
- Pulsed-power modulation technology
- High-voltage pulsed-power technology
- Energy storage and conversion
- High-power microwave devices
- High-power semiconductor devices
- Electromagnetic pulse effect
- Plasma generation and control

Guest Editors

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Deadline for manuscript submissions

closed (15 June 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).