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Advances in Pulsed-Power and High-Power Electronics

Guest Editors:

Prof. Dr. Kefu Liu

Department of Electrical Light Sources, Fudan University, Shanghai 200433, China

Dr. Jian Qiu

Department of Electrical Light Sources, Fudan University, Shanghai 200433, China

Dr. Hui Zhao

Department of Light Source and Lighting Engineering, School of Information Science and Technology, Fudan University, Shanghai, China

Deadline for manuscript submissions:

15 December 2024

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



mdpi.com/si/189282



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Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

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.

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