

Special Issue

Emerging Trends and Developments in Power Electronics

Message from the Guest Editors

Power electronics have undergone significant development and are now essential in most modern industrial applications. Their rapid progress has enabled systems that operate over a wide power range and support an ever-growing set of applications, with the key goals of reducing losses and improving reliability. Within this framework, numerous researchers are focusing on new power electronic devices, their modeling and analysis, innovative converter topologies, advanced control strategies, system testing and monitoring, and the deployment of these technologies in emerging applications. This Special Issue aims to encompass a broad spectrum of topics in power electronics that will be relevant to industry professionals and academics engaged in research, development, and practical implementation. It will feature full research articles, review papers, and high-quality contributions addressing the topics outlined above.

Guest Editors

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Deadline for manuscript submissions

15 April 2027



Electronics

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Impact Factor 2.9
CiteScore 7.0



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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

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