

Special Issue

Advancements in Power Electronics Conversion Technologies

Message from the Guest Editor

This Special Issue of the journal *Electronics*, ‘Advancements in Power Electronics Conversion Technologies’, aims to provide a platform for researchers, engineers, and experts to share their works that address the recent cutting-edge innovations in the field of power electronics conversion technologies, grid integration, energy management, and control strategies for photovoltaic systems. Through this endeavour, we seek to disseminate valuable insights which can help to enhance the efficiency, reliability, and sustainability of photovoltaic power generation, thereby advancing the renewable energy landscape. We encourage submissions of papers that explore novel concepts, methodologies, and applications, thus pushing the boundaries of photovoltaic technology, fostering a deeper understanding of its potential and promoting its widespread adoption in the global energy landscape. Topics including but not limited to the following:

- power electronics
- renewable energy
- power conversion technologies
- grid integration
- energy management
- control strategies
- photovoltaic systems
- efficiency
- sustainability
- innovations

Guest Editor

Prof. Dr. Wilian Paul Arevalo Cordero
Department of Electrical Engineering, University of Jaen, 23700
Linares, Spain

Deadline for manuscript submissions

closed (30 November 2024)



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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

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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

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

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Rapid Publication:

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).