electronics

an Open Access Journal by MDPI

IMPACT FACTOR 2.9

CITESCORE 4.7

Multilevel Converters

Guest Editors:

Dr. Salvador Alepuz
Tecnocampus, Universitat Pompeu Fabra, 08302 Mataró, Spain

Dr. Jean-Christophe Crebier
G2ELab, CNRS/UGA, Grenoble, France

Prof. Dr. Sergio Busquets-Monge
Electronic Engineering Department, Universitat Politècnica de Catalunya, 08028 Barcelona, Spain

Deadline for manuscript submissions:
closed (15 December 2020)

Message from the Guest Editors

The aim of this Special Issue is to publish original research regarding multilevel converters, presenting novel topologies, modulations, controls, related implementation technologies and applications, with the intention to increase efficiency, power density, reliability, robustness, to reduce cost and to comply with regulations. Refinements on existing techniques that introduce significant benefits are also welcome. Original contributions including experimental validation are expected.

Topics of interest include, but are not limited to:

- Multilevel converter topologies, including multi-cell and power converter array topologies.
- Modular multilevel converter design approaches.
- Advanced multilevel modulation techniques.
- Advanced multilevel converter controls.
- Fault tolerance and reliability of multilevel converters.
- Implementation technologies, including integration, design for electromagnetic compatibility, and cooling techniques for multilevel converters.
- Applications of multilevel converters.

Welcome to contribute.

electronics

IMPACT FACTOR 2.9

CITESCORE 4.7

an Open Access Journal by MDPI

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, and other databases.
Journal Rank: JCR - Q2(*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

Contact Us

Electronics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
𝕏@electronicsMDPI