



Design and Optimization of High-Frequency Power Converter

Guest Editor:

Prof. Dr. Woo-Young Choi

Division of Electronic
Engineering, Jeonbuk National
University, Jeonju 561-756,
Republic of Korea

Deadline for manuscript
submissions:

closed (31 December 2020)

Message from the Guest Editor

This Special Issue focuses on the design and optimization of high-frequency power converters. The topics of interest include, but are not limited to:

- Topology, control, and modulation of high-frequency power converters;
- High-frequency switching techniques (resonant switching, switched capacitor);
- High-frequency switching circuits (magnetic design, gate driving circuit);
- Circuit count reduction design of high-frequency power converters;
- Application of wide band-gap devices in high-frequency power conversion;
- Layout and design techniques for high-frequency power converters;
- Industrial applications of high-frequency power converters.

Please click [here](#) to find information!
Welcome to contribute!





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 \(Web of Science\)](#), [CAPus / 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](#)