



Recent Developments and Emerging Trends in Power Electronics Converters

Guest Editors:

Prof. Dr. Joao Luiz Afonso

Centro ALGORITMI, University of Minho, 4800-058 Guimaraes, Portugal

joao.l.afonso@
algoritmi.uminho.pt

Prof. Dr. Vítor Monteiro

Algoritmi Research Centre,
Department of Industrial
Electronics, University of Minho,
4800-058 Guimarães, Portugal

vmonteiro@dei.uminho.pt

Deadline for manuscript
submissions:

28 February 2022

Message from the Guest Editors

The specific Special Issue aims to introduce a guideline of Recent Developments and Emerging Trends in Power Electronics Converters, involving innovative contributions from academics, scientists and researchers.

The topics of interest are related, but not limited to:

- Power Converters for smart grids.
- Power Converters for industrial applications .
- Digital platforms for Power Converters.
- Digital control for Power Converters.
- Digital Modulation for Power Converters.
- High-performance magnetic elements for Power Converters.
- Wide-band-gap (WBG) components for Power Converters.
- Gate-drivers for WBG of Power Converters.
- Soft-switching of Power Converters.
- Snubber circuits for Power Converters.
- High power density of Power Converters.
- High efficiency of Power Converters.
- Electromagnetic interferences and compatibility of Power Converters.
- Stability analysis and control of Power Converters.
-

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

