



State-of-the-Art and New Trends of Power Electronics Technologies and Applications

Guest Editors:

Prof. Dr. João L. Afonso

Department of Industrial Electronics, School of Engineering, University of Minho, 4800-058 Guimaraes, Portugal

jlafonso@dei.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:

31 December 2021

Message from the Guest Editors

Power electronics is a comprehensive research area that cuts across many areas of application, having contributed decisively, over several decades, to revolutionizing the lives of citizens and to the modernization and evolution of the vast majority of technologies that we use today, as well as increasing industrial competitiveness in all sectors of activity. Moreover, power electronics is essential for driving the evolution of different assets in the new paradigm of smart grids, covering an enormous range of applications. Additionally, it is important to highlight that the rapid evolution of power electronics is based on emerging technologies both for the power stage and for the control system.

Embracing all these subjects in a transversal way, this Special Issue targets to institute a channel among the well-established state-of-the-art and the new trends of power electronics technologies and applications, linking novel contributions from academics, scientists, and researchers.

Welcome to contribute your excellent works! Fast Publication and High Visibility!

