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

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### 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.

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# Special Issue