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Progress in Design and Control of Power Converters

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Message from the Guest Editor

Power electronics is one of the most prolific research fields in electronics. One of the main reasons is its relevance in present-day society, increasingly concerned with energy saving and greener energy production. This constitutes a powerful catalyst for research, boosting the amount of ideas, solutions, and studies, as well as the number of topics that emerge under the umbrella of power electronics. This is evident in well-established research topics, such as renewable energies, battery management, and electric traction, coexisting—or even merging—with more recent topics, such as LED lighting or micro- and nanogrids. Moreover, these topics can be considered established when compared wide-bandgap devices and electric vehicles.

This Special Issue is inviting papers that focus on well-established topics as well as more recent ones. This mixture will foster new ideas for readers and will help researchers detect solutions that can be migrated from one topic to another, making this Special Issue a relevant milestone for any power electronics engineer.



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Special Issue



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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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