



Power Electronics Converter Topologies and Control Techniques

Guest Editors:

Prof. Dr. Dylan Lu

School of Electrical and Data
Engineering, University of
Technology Sydney, Sydney,
NSW 2007, Australia

Dr. Ha Pham

School of Electrical and Data
Engineering, University of
Technology Sydney, Sydney,
NSW 2007, Australia

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Message from the Guest Editors

Distributed power generation and micro grids are the future of our electrical system, where unstable renewable energy resources such as solar and wind can be stabilized by integrating battery storage. Electrification in transportation and smart sensing technology also provide great opportunities. In such a complex system, highly effective energy conversion plays an important role in reducing energy consumption and tackling climate change.

This Special Issue aims to present the latest development in power converter design and control techniques, including all related applications. The topics of interest include, but are not limited to:

- High-performance power converters;
- Power converter control and analysis;
- Solar and wind power;
- Energy storage;
- Electrical vehicles;
- Wireless power transfer;
- Induction heating;
- Thermal management.





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Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

Message from the Editor-in-Chief

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Electronics Editorial Office
MDPI, St. Alban-Anlage 66
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