



Power Converter Design, Control and Applications

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Message from the Guest Editors

This Special Issue will focus on the design and control of power converters and their applications. The topics of interest include but are not limited to:

- Emerging trends in digital control for power electronics;
- Adaptive and predictive controllers;
- Preventing aging and failure controllers;
- Neural-network-based and artificial intelligence controllers;
- The Internet of Things applied to power management;
- New emerging and innovative power-converter topologies;
- The control of modular, composite and multilevel power converters;
- Partial power-processing converters;
- Multiple input-multiple output (MIMO) power converters;
- The modelling and control of resonant-based power converters and PWM-resonant converters;
- High-switching-frequency applications of GaN and SiC;
- High-power-density switching converters using GaN or SiC.





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Message from the Editor-in-Chief

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