Special Issue

Advanced Research on the Control of Power Converters

Message from the Guest Editor

The main purpose of this special issue is to publish high-quality original research papers as well as review articles addressing recent advances on the control for power converters. Any research topic contributing to the advancement of power electronics technologies will be considered in this special issue. Topics of interest include, but are not limited to, the following:

- Innovative power converter topologies;
- Power converters design and modeling;
- Advanced control techniques for DC-DC, DC-AC, and AC-DC converters;
- Analog and digital control of power converters;
- Power converters control for renewable energy applications;
- Power converters control for drive systems applications;
- Power converters for microgrid and smart grid applications;
- Grid-connected power converters control;
- Bi-directional power converters;
- Modular multilevel converters (MMC);
- Advanced PWM techniques for power converters control;
- Multilevel power converters.

Guest Editor

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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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