Special Issue

Modeling, Control and Design of Power Electronics Converters

Message from the Guest Editor

The would like to invite submissions to a Special Issue of *Energies* on the subject area of “Modeling, Control and Design of Power Electronics Converters”. Modeling, control and design techniques are important for the reliability and efficient operation of power electronics converters. There have been many emerging power electronics converters in recent years. Moreover, wide band-gap devices can significantly improve the performance of the power electronics converters. The modeling, control and design of these converters are interesting topics for power electronics researchers. This Special Issue will deal with modeling, control and design techniques for power electronics converters. Topics of interest for publication include but are not limited to:

- Modeling methods of power electronics converters;
- Optimization control of power electronics converters;
- Design method for power electronics converters;
- Application of a new type ofE power devices for power electronics converters;
- Reliability of power electronics converters;
- Fault diagnosis and fault riding-through of power electronics converters.

Guest Editor

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Deadline for manuscript submissions

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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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