

Special Issue

Advanced Perspectives for Modeling, Simulation and Control of Power Electronic Systems 2021

Message from the Guest Editor

This Special Issue will deal with modeling and simulation procedures of power electronic systems and their control. Topics of interest for publication include but are not limited to:

- Power electronic devices, converters, topologies—modeling and control;
- Finite element analysis and multiphysical phenomenon of power electronic systems;
- Modeling, analysis, and design of power electronic systems;
- Electric machines and drives—modeling and control;
- Embedded control of power electronic systems;
- Simulation and analysis of power electronics in smart grid applications;
- Optimization of electromagnetic compatibility and interference of power electronic systems;
- Intelligent control techniques;
- Battery storage systems and battery management systems modeling and control;
- Simulation and modeling of vehicle electrification and hybridization by power electronic systems.

Guest Editor

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Deadline for manuscript submissions

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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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