Special Issue

Modeling and Simulation of Power Systems and Power Electronics

Message from the Guest Editors

This Special Issue invites submissions that describe new or advanced modeling techniques for the analysis of power systems and power electronic converters. Relevant themes include (but are not constrained to): new numerical or modeling techniques; approaches for modeling and assessment of power quality; modeling or characterization of power devices, including electrical machinery, converters or transformers; modeling and simulation of new electrical protection approaches; prediction, analysis and control of power devices; interactions and impacts of distributed energy on the power grid; microgrids.

- power systems modeling
- power electronics modeling
- distributed energy generation
- power quality
- power system protection
- microgrids

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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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