Special Issue

Power System Simulation, Control and Optimization

Message from the Guest Editors

The analysis, operation and control of power systems are increasingly complex tasks that require advanced simulation models to analyze and control the effects of transformations concerning electricity grids today: the massive integration of renewable energies, the progressive implementation of electric vehicles, the development of intelligent networks, and the progressive evolution of the applications of artificial intelligence. This Special Issue aims to group all the alternative paradigms that are being developed to go beyond the current simulation and control programs. These include, in particular, but not exclusively, the following: - Multi-agent systems;
- Parallel programming;
- Heuristic techniques;
- Optimization algorithms;
- Neural networks and deep learning;
- Fuzzy systems.

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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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