Special Issue

Power System Simulation and Modeling

Message from the Guest Editors

We are inviting submissions to a Special Issue of *Energies* entitled “Power System Simulation and Modeling”. Optimization techniques are required to study and forecast the behavior of complex power systems due to the complexity of energy networks and the amount of data that must be optimized. The incorporation of power system simulation and modeling techniques into a power system creates new obstacles as well as opportunities. As a result, the goal of this Special Issue is to highlight current changes and breakthroughs in the field of power and energy systems. We welcome all papers that provide unique contributions to power systems and future electrical networks, including but not limited to:

- Applications of algorithms in the planning and operation of power systems;
- Modeling of power system networks;
- Renewable energy concepts;
- Power system protection;
- PV system optimization;
- Battery energy storage system;
- Grounding grid concepts;
- Energy management system of power systems;
- Simulation and modeling of FACT devices.

Guest Editors

Dr. Tahir Khurshiad

Prof. Dr. Sang-Bong Rhee

Prof. Dr. Saeid Gholami Farkoush

Dr. Abdul Wadood

Dr. Sanam SaeidNahaei

Deadline for manuscript submissions

closed (20 September 2022)

Energies

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Impact Factor 3.0
CiteScore 6.2

mdpi.com/si/105015

Energies
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

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