Special Issue

Machine Learning for Energy Systems

Message from the Guest Editor

We are inviting submissions to the *Energies* Special Issue on “Machine Learning for Energy Systems”. This Special Issue aims at addressing the top challenges in energy systems development, including electric power systems, heating and cooling systems, and gas transportation systems. Special attention will be given to the efficient mathematical methods integrating data-driven black box dynamical models with classical mathematical and mechanical models and methods. The issue will include but is not be limited to:

- Data-driven energy management strategies and unit commitment problem solvers;
- Multiphysics measurements-based decision making and control of integrated energy systems;
- Energy systems flexibility, efficiency and power quality;
- Uncertainty quantification and inverse problems in energy systems.

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2020)

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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.

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