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Machine Learning and Artificial Intelligence for Power and Energy Networks

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submissions:

closed (30 September 2020)

Message from the Guest Editors

Dear Colleagues,

You are cordially invited to submit a contribution to this special issue, of either original research or survey papers.

This special issue calls for contributions from researchers in the fields of computer science, power and energy systems, system engineering, and other related areas on the applications of artificial intelligence and machine learning in power and energy networks. The emerging issue of large-scale learning and optimization problems in power and energy networks poses an imperative to deploy novel algorithms to deal with complex operational decision making. This special issue aims at tackling this challenge by covering a wide range of efficient algorithms and their applications to real-world power and energy system-related problems.

The topic covered in this special issue includes but not limited to the following:

- Regression methods for load demand prediction
- Clustering methods for load disaggregation...

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Special Issue



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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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