



Machine Learning for Energy Systems 2021

Guest Editor:

Prof. Dr. Denis N. Sidorov

Russian Academy of Sciences,
Melentiev Energy Systems
Institute, 664033 Irkutsk, Russia

Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editor

Dear Colleagues,

We are inviting submissions to the *Energies* Special Issue on “Machine Learning for Energy Systems 2021”. Original submissions focusing on theoretical and practical issues related to the theory and applications of Machine Learning, including novel optimization and operations research methods and their applications, design techniques and methodologies, reliability analysis, and practical implementation aspects are welcome.

The issue will include but is not be limited to:

- Mathematical modeling and control of cyber-physical systems
- 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
- Data-driven energy management strategies and unit commitment problem solvers

Prof. Dr. Denis N. Sidorov

Guest Editor





energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)