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Artificial Intelligence on Energy 4.0

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Message from the Guest Editors

This Special Issue considers the digitalization of the energy and utilities sector towards Energy 4.0, and how these transformations, supported by artificial intelligence technology, will impact the factories of the future. Papers considering the following areas of research are invited:

- Cyberphysical systems applied to energy sector;
- Optimization and control of power generation plants;
- Artificial intelligence-based demand response;
- Predictive maintenance and machine learning applied to the energy and utilities sector;
- Industrial Internet of Things in energy management;
- Industrial smart grids: transportation, distribution and energy storage.



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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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