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Advances in Energy Scheduling and Energy Supply Chain Optimization

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Message from the Guest Editors

Dear colleagues,

The aim of this Special Issue is to bring forth theoretical advances, applications, and tools in the field of energy scheduling and energy supply chain optimization. This Issue will follow a continuous structured path covering all important issues in the area of energy systems scheduling and energy supply chain optimization. Its structure will rely upon (but not be limited to) coverage of the following topics:

- Energy planning and scheduling;
- Design of sustainable energy systems;
- Design and optimization of energy supply chains;
- Integrated design of biorefineries;
- Energy polygeneration systems;
- Integrated oil and gas production;
- Urban energy systems;
- Power systems modeling and optimization;
- Production of biofuels;
- Energy savings and energy efficiency in the process industries;
- Optimal integration of renewable energies;
- Design and operation of micro grids and smart grids;
- Combined heat and power systems;
- Carbon capture and sequestration networks;
- Industrial applications and real-life case studies;
- Tools for industrial and educational purposes.



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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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