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Modelling, Simulation and Control of Thermal Energy Systems

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Deadline for manuscript
submissions:

closed (1 March 2020)

Message from the Guest Editors

This Special Issue will contribute a practical and comprehensive forum for exchanging novel research ideas or empirical practices that bridge the modelling, simulation, and control of thermal energy systems.

Papers that analyze particular aspects of thermal energy systems, involving, for example, conventional power plants, innovative thermal power generation, various thermal engines, thermal energy storage, and fundamental heat transfer management, on the basis of one or more of the following topics, are welcome in this Special Issue:

- Power plant modelling, simulation, and control;
- Thermal engines;
- Thermal energy control in building energy systems;
- Combined heat and power (CHP) generation;
- Thermal energy storage systems;
- Improving thermal comfort technologies;
- Optimization of complex thermal systems;
- Modelling and control of thermal networks;
- Thermal management of fuel cell systems;
- Thermal control of solar utilization;
- Heat pump control;
- Heat exchanger control.



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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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