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Modeling, Optimization and Testing of Thermal Energy Storage Systems and Their Integration in Energy Conversion Processes

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Deadline for manuscript
submissions:

closed (31 July 2020)

Message from the Guest Editors

We kindly invite you to submit an original contribution to the Special Issue “Modeling, Optimization and Testing of Innovative Processes Integrated with Thermal Energy Storage Systems”. The development and the optimal integration of efficient energy storage systems is fundamental for a proper exploitation of renewable energy sources and for enhancing energy efficiency in the domestic, commercial, and industrial sectors. In this regard, thermal energy storage systems could play a key role thanks to wide range of applications, different technologies available today (based on sensible heat, latent heat, and so on), and relatively low costs.

The integration of thermal energy storage systems in innovative processes has been gaining interest from the research and industrial sector in recent years, but a further effort in modeling, simulation, optimization, and testing activities is required...



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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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