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Advanced Applications of Solar and Thermal Storage Energy

Guest Editors:

Prof. Dr. Chun Chang

Prof. Dr. Mingzhi Zhao

Prof. Dr. Cancan Zhang

Prof. Dr. Jianfeng Lu

Deadline for manuscript submissions:
closed (24 October 2024)

Message from the Guest Editors

The energy consumption of buildings and industries is enormous, resulting in significant emissions. Solar thermal technology has great potential to support a carbon-neutral economy as well as contribute to energy efficiency, flexibility through thermal energy storage, and the reliability and security of the energy supply.

This Special Issue aims to present the most recent original research related to the theory, design, modeling, and application of all types of solar heating and cooling systems and thermal storage technology with the aim of meeting the increasing need for modernization and greater energy efficiency to significantly reduce CO2 emissions.

Topics of interest for publication include, but are not limited to:

- Solar collectors;
- Solar water heating;
- Solar space heating and cooling;
- Industrial process heat;
- Solar desalination;
- Solar thermal power;

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Message from the Editor-in-Chief

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