

## Special Issue

# Solar Thermal Heat and Power Technology: Developments and Applications

### Message from the Guest Editors

We cordially invite authors to submit original articles, including but not limited to:

- **Technological Innovations:** New developments in materials, designs, and configurations of solar thermal systems that enhance efficiency, reduce costs, and overcome existing limitations.
- **Integration Analysis:** Studies on how solar thermal technologies can be successfully integrated into existing energy systems, including urban heating networks, industrial processes, and power plants.
- **Innovative Applications:** Exploration of new application areas for solar thermal heat and power.
- **Simulation and Modelling:** Innovative approaches in modelling and simulation of solar thermal systems to optimize design and predict performance under various climatic and usage scenarios.
- **Economic and Environmental Analysis:** Life cycle and social assessments, cost analysis, and studies on the environmental impact of solar thermal technologies, highlighting their potential for greenhouse gas emission reduction and contribution to energy sustainability.
- **Policy and Incentives:** Discussions on policies, regulatory frameworks, and incentives that can promote or hinder the adoption of solar thermal technologies globally.

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### Guest Editors

Prof. Dr. Maurizio De Lucia

Dr. Walter Gaggioli

Dr. Francesco Rovense

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### Deadline for manuscript submissions

31 December 2025



## Energies

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Enrico Sciubba

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