



Advances in Distributed-Scale Solar Thermal Power Technology

Guest Editors:

Prof. Dr. Abdalnaser Sayma

Department of Mechanical Engineering & Aeronautics, School of Mathematics, Computer Science & Engineering, University of London, London EC1V 0HB, UK

Dr. Jafar Al Zaili

School of Mathematics, Computer Science and Engineering, Department of Mechanical Engineering and Aeronautics, City, University of London, London, UK

Dr. Martin White

School of Mathematics, Computer Science and Engineering, Department of Mechanical Engineering and Aeronautics, City, University of London, London, UK

Deadline for manuscript submissions:

closed (15 June 2021)



Message from the Guest Editors

Dear Colleagues,

The guest editor is inviting you to submit a paper to a Special Issue of *Energies* in the area of “Advances in distributed-scale solar thermal power technology”. Solar collectors, concentrators, receivers and prime mover technologies, as well as system design and integration, and control and hybridisation have been evolving in recent years with the aim of delivering cost effective and reliable clean power generation. Moreover, component and system optimisation, as well as techno-economic optimisation, life cycle analysis, market and cost analysis are also important topics.

This Special Issue will focus on, but is not necessarily restricted to, solar thermal systems and hybrid systems. Topics of interest for publication include:

- Solar dish systems
- Small heliostat systems
- Any other solar collector or concentrator technology
- Solar-powered micro gas turbines
- Solar-powered Stirling Engines
- Solar-powered organic Rankine cycles
- Solar thermal-only systems
- Hybridisation with biofuels and thermal storage



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)