

Special Issue

Heat Transfer, Refrigeration and Heat Pumps

Message from the Guest Editor

Heat pumps play a vital role in providing space conditioning and water heating while utilizing the energy of the environment. This Special Issue invites high-quality research papers covering a wide range of topics related to multi-functional heat pumps, low-GWP and drop-in replacement refrigerants, applications to different climates and renewable energy sources, and systemic analysis. The articles are expected to inform on how to encourage development of sustainable technologies to mitigate climate change, and help meet or exceed the goals of the climate accords by providing practical solutions in the near term.

- Heat pumps
- Integrated heat pumps
- Low-GWP refrigerants
- Water heating
- Space conditioning
- Refrigeration
- Solar-assisted heat pumps
- vapor compression systems
- thermally driven heat pumps

Guest Editor

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Deadline for manuscript submissions

closed (10 June 2021)



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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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