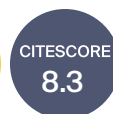




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Advances in Heat Pumps and Refrigeration Systems with Natural Refrigerants

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Deadline for manuscript
submissions:

closed (31 October 2024)

Message from the Guest Editors

Dear Colleagues,

We find ourselves at the heart of a critical environmental challenge, and it is imperative that we explore and embrace sustainable technologies capable of mitigating climate change and reducing our carbon footprint. Within the domain of heat pumps and refrigeration systems, energy efficiency stands as a pivotal aspect of minimizing energy consumption. Furthermore, heat pumps can play a vital role in the decarbonization of the heating demand in numerous industrial processes. This transformation must be grounded in the utilization of natural refrigerants, which emerge as the only long-term and sustainable alternative. In this context, we are delighted to announce a forthcoming Special Issue dedicated to "Advances in Heat Pumps and Refrigeration Systems with Natural Refrigerants".

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

- Innovative Heat Pump Designs;
- Refrigeration System Optimization;
- Decarbonization of Industrial Processes;
- Innovative Components for Heat Pumps and Refrigeration Systems;
- Novel Control Algorithms for Heat Pumps and Refrigeration Systems;
- Techno-economic Analyses;



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Special Issue



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Message from the Editor-in-Chief

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