

Special Issue

Optimization and Design of Heating and Cooling Systems

Message from the Guest Editors

This Special Issue on “Optimization and Design of Heating and Cooling System” aims to address recent advances in the aspects of optimization and design of heating and cooling systems, such as optimal design and control approaches for HVAC, heat pump, and solar energy applications. Topics include but are not limited to:

- Building, environmental, and human behavioural sciences;
- Optimal use of energy resources, analysis and optimization of building energy systems, mitigation of environmental pollutants, and sustainable building energy systems;
- Digitalization and digital twins for modern building-integrated energy systems;
- Modeling and forecasting building energy, conservation strategies, and the environmental, social, and economic impacts of energy policies and usage, including climate change mitigation and other environmental pollution reduction;
- Heat pump and solar energy applications.

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