

## Special Issue

# Smart Heating and Cooling Networks

### Message from the Guest Editors

For many years, heat has been the elephant in the room: it accounts for almost half of total energy consumption, but research and innovation mainly focused on electricity or transportation. Recently, things have changed: strong efforts have been made to innovate this sector, with a particular reference to district heating networks. This Special Issue intends to collect the latest outcomes of research and innovation activities, but mainly to be a showcase for successfully demonstrated solutions for designing, managing, and maintaining a heating and cooling network. Strong focus is given, but not limited to, smart controllers for flexibility and high renewable energy shares, network design tools for waste heat recovery, tools for modeling, demand forecasting, diagnosis, predictive maintenance, or retrofitting. This Special Issue aims to be a source for future developments, but also a knowledge base for the dissemination of best practices and the promotion of their replication.

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### Guest Editors

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### Deadline for manuscript submissions

closed (27 March 2023)



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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

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