



Applied Thermodynamics and Heat Transfer for Buildings 2021

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Message from the Guest Editors

Dear Colleagues,

The proposed Special Issue analyzes all the topics regarding Applied Thermodynamics and Heat Transfer for Buildings, with reference to both the building envelope and energy conversion systems for buildings. The innovative aspects will be mainly considered.

A non-exhaustive list of the analyzed topics includes:

- Thermal and energy parameters of the building envelope;
- Condensation formation in the building envelope;
- Solar shadings for building;
- Innovative solutions for the building envelope;
- Solar technologies adopted for buildings, considering different possible solutions able to match the energy loads;
- Building integrated solar systems;
- Energy efficiency in buildings, nearly and Net Zero Energy Buildings (nZEBs–NZEBs), plus zero energy buildings;
- Heating and air-conditioning systems for buildings;
- DHW (domestic hot water) production.

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Guest Editors





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Message from the Editor-in-Chief

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