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## Processes and Technologies for Thermal and Thermochemical Energy Storage

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### Message from the Guest Editors

The aim of this Special Issue is to contribute to the development of processes and technologies suitable for these purposes. The topics of interest include but are not limited to:

- Modelling and experimental studies on thermal and thermochemical energy storage technologies (e.g., material reactivity and kinetics, materials synthesis, reactor design, looping cycles);
- Power to heat and chemicals;
- The design, operation, and simulation of conventional and novel reactors/systems for energy storage (e.g., fluidized bed, fixed bed, entrained flow reactors, rotary kilns, cyclonic and vortex reactors, particle receivers);
- Systems analysis and optimization of industrial processes;
- Techno-economic analysis of energy storage systems (e.g., capital costs, levelized cost of energy).

Deadline for manuscript  
submissions:

**closed (22 November 2022)**



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# Special Issue



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## Editor-in-Chief

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## Message from the Editor-in-Chief

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