

## Special Issue

# Processes and Technologies for Thermal and Thermochemical Energy Storage

### 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).

### Guest Editors

Dr. Claudio Tregambi

Dr. Roberto Solimene

Dr. Maurizio Troiano

### Deadline for manuscript submissions

closed (22 November 2022)



## Processes

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## About the Journal

### Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

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