

## Special Issue

# Advancements in Smart Energy Systems, Energy Storage, and Renewables Integration

### Message from the Guest Editors

We are pleased to invite submissions to the journal *Energies* for a Special issue that focuses on “Advancements in Smart Energy Systems, Energy Storage, and Renewables Integration”. This Special Issue aims to promote cooperation and stimulate innovation in energy research and development. Papers on all relevant topics are welcome, especially those on theoretical development, analytical methods, numerical methods, laboratory tests, and field investigations. Potential topics of interest include but are not limited to:

- Smart energy and smart energy systems;
- Advanced materials for energy storage;
- Novel technologies and applications of renewable energy integration;
- Machine learning technologies for energy storage;
- Energy-efficient low-carbon buildings;
- Research in energy-related rock mechanics.

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### Guest Editors

Dr. Yan Zhao

Prof. Dr. Xiaoshu Lu

Dr. J.B. Martinkauppi

Prof. Dr. Ke Gao

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### Deadline for manuscript submissions

closed (25 February 2025)



## Energies

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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

Prof. Dr. Enrico Sciubba  
Department of Mechanical and Industrial Engineering, University  
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