

## Special Issue

# Innovative Trends on Safety of Renewable Technologies

### Message from the Guest Editors

This Special Issue aims to investigate emerging technologies to improve the safety and reliability of renewable energy systems by employing advanced materials, innovative design, and functional control systems. The safety of renewable technologies is a dynamic and evolving field, and this Special Issue has a wide scope and discipline focusing on trends to improve safety and reliability of renewable technologies, where theoretical and experimental contributions are welcome. Contributions in the following aspects are particularly welcome:

- Advanced materials for energy conversion, solar energy, energy storage, lightweight structures, fire resistant and harsh environmental conditions;
- Innovative mechanical design for safety management, minimizing failure, thermal management, fire shielding;
- System integration and stability for power generation, energy transmission, fault diagnosis, and environmental monitoring.

### Guest Editors

Dr. Mohammad Nasr Esfahani

Dr. Yihua Hu

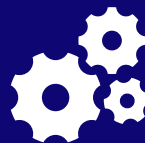
Dr. Mohammed Alkahtani

Dr. Jiadong Lu

Dr. Kai Ni

### Deadline for manuscript submissions

closed (15 January 2024)



## Machines

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## About the Journal

### Message from the Editor-in-Chief

*Machines* is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided. There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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### Editor-in-Chief

Prof. Dr. Antonio J. Marques Cardoso  
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