

Special Issue

Fluid Mechanics and Energy Conversion

Message from the Guest Editors

Fluid mechanics has wide applications in myriad science and engineering areas, including nuclear engineering, biosystems, chemical engineering, mechanical engineering, environmental engineering, etc. The significance of fluid-mechanics-related energy conversion and the rapid development of inspired technologies form the foundation of this Special Issue, which aims to provide a collection of the latest research on broad fluid-related energy conversion processes and engineering applications.

Guest Editors

Dr. Bei Fan

Mechanical Engineering, Michigan State University, Michigan, MI, USA

Dr. Hao Ma

Oak Ridge National Laboratory, Oak Ridge, TN 37830, USA

Dr. Hangjian Ling

Mechanical Engineering, University of Massachusetts Dartmouth, North Dartmouth, MA, USA

Deadline for manuscript submissions

closed (20 August 2023)



Machines

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.7



mdpi.com/si/160286

Machines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
machines@mdpi.com

[mdpi.com/journal/
machines](https://mdpi.com/journal/machines)





Machines

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.7



[mdpi.com/journal/
machines](https://mdpi.com/journal/machines)



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.

Editor-in-Chief

Prof. Dr. Antonio J. Marques Cardoso
CISE - Electromechatronic Systems Research Centre, University of
Beira Interior, Calçada Fonte do Lameiro, P-6201-001 Covilhã, Portugal

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Mechanical) / CiteScore - Q1
(Control and Optimization)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.9 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).