

# Special Issue

## Research Progress and Prospects of Multi-Level Converters

### Message from the Guest Editors

We invite researchers and engineers to contribute original research and review articles to this timely Special Issue, dedicated to advancing the frontiers of Multi-level Converters (MLCs). This collection seeks high-impact studies addressing critical challenges and innovations across three core pillars: 1. Topology of Multi-level Converters (novel architectures and configurations);

2. Control strategies of Multi-level Converters (advanced modulation, stability, and dynamic performance);

3. Fault diagnosis and fault-tolerant control (resilience under adverse conditions).

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### Guest Editors

Dr. Pengcheng Han

Dr. Xiangchen Zhu

Dr. Huimin Wang

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### Deadline for manuscript submissions

31 October 2026



## 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  
CISE–Electromechatronic Systems Research Centre, University of  
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#### Journal Rank:

JCR - Q2 (Engineering, Mechanical) / CiteScore - Q1  
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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.6 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2025).