Special Issue

Intelligent Maintenance and Health Management of Electromechanical Equipment

Message from the Guest Editors

This Special Issue focuses on advanced algorithms/techniques for the intelligent maintenance and health management of electromechanical equipment. Potential topics include but are not limited to:

- Intelligent maintenance and health management based on digital twin;
- Intelligent maintenance and health management based on signal processing;
- Intelligent maintenance and health management based on machine learning;
- Intelligent maintenance and health management based on deep learning;
- Intelligent maintenance and health management under non-stationary conditions;
- Intelligent maintenance and health management based on multi-source information fusion;
- Wear and fatigue analysis.

Guest Editors

Dr. Ke Feng

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Deadline for manuscript submissions

closed (30 November 2023)

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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.

Editor-in-Chief

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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).