Intelligent Maintenance and Health Management of Electromechanical Equipment

Guest Editors:

Dr. Ke Feng

Dr. Zihao Lei

Dr. Yadong Xu

Dr. Zhijun Ren

Dr. Qing Ni

Prof. Dr. Guangrui Wen

Deadline for manuscript submissions:
closed (30 November 2023)

Message from the Guest Editors

Dear Colleagues,

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.

Dr. Ke Feng
Dr. Zihao Lei
Dr. Yadong Xu
Dr. Zhijun Ren
Dr. Qing Ni
Prof. Dr. Guangrui Wen
Guest Editors

Special Issue

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, and other databases.
Journal Rank: JCR - Q2 (*Engineering, Mechanical*)

Contact Us