

Special Issue

Machine Health Diagnosis & Prognosis by Advanced Sensing and Data Driven Techniques

Message from the Guest Editors

We are pleased to invite you to submit your papers to the Special Issue of *Machines* on “Machine Health Diagnosis and Prognosis by Advanced Sensing and Data Driven Techniques”. Topics include but are not limited to the following: (1) Development of dynamic modelling regarding fault inception mechanisms and the degradation of the machine health; (2) Signal processing relative to measured data; (3) Remaining useful life prediction; (4) Artificial intelligence-based algorithms for machine-health diagnosis and prognosis; (5) Hybrid fault diagnosis techniques; (6) Machine-health monitoring under non-stationary time-varying speed conditions; (7) Structural health monitoring (SHM); (8) Feature extraction from machine data; (9) Non-destructive testing (NDT); (10) Machine learning; (11) Deep learning.

Guest Editors

Dr. Khandaker Noman

Dr. Anil Kumar

Dr. Shah Limon

Prof. Dr. Yongbo Li

Deadline for manuscript submissions

closed (15 July 2023)



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

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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

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

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