Deep Learning-Based Machinery Fault Diagnostics

Guest Editors:

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Deadline for manuscript submissions:
closed (28 May 2022)

Message from the Guest Editors

Dear Colleagues,

Papers are sought that address innovative solutions to the development and use of deep learning techniques for the monitoring and/or diagnosis of faults in machinery equipment for the purpose of advancing fault diagnosis science, and its applications in various machinery.

The scope of these papers may encompass (1) theory, methodology, and practice of deep learning; (2) analysis, representation, display, and preservation of information obtained from a set of machinery to carry out fault diagnosis and operating condition monitoring; and (3) scientific and technical support for the establishment and maintenance of technical standards in the field of machinery fault diagnosis.

In this Special Issue, original research articles and reviews are welcome. We look forward to receiving your contributions.

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Special Issue

Editor-in-Chief

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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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