Special Issue

Fault Detection, Diagnosis and Prognostics of Machines: Applications and Advances

Message from the Guest Editors

Machines are widely used in many industrial applications, and their unexpected failures could lead to a temporary shutdown or disruption of the production process, thus resulting in economic losses. Therefore, it is of great significance to evaluate the overall health status of industrial machines as early as possible and in particular to detect, diagnose, and prognosticate developing faults on the sub-systems/components of machines. The development of effective and reliable machine fault detection, diagnostics, and prognostics tools has attracted extensive attention in academia and industry. The goal of this topic is to bring researchers and industrial practitioners together to share their research findings and present ideas that are relevant in the field of industrial machine faults detection, diagnosis, and prognosis.

Guest Editors

Dr. Agusmian Partogi Ompusunggu

Prof. Dr. Eric Bechhoefer

Dr. Tegoeh Tjahjowidodo

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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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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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