

Special Issue

Structural Health Monitoring for Mechanical Systems

Message from the Guest Editors

The health monitoring approach of mechanical structures (machines, structures, piping, etc.) is a well-accepted tool for condition-based maintenance (CBM) activity in industries. This monitoring approach generally helps to predict any developing fault(s) at an early stage so that maintenance or remedial action can be performed before any catastrophic failure. However, health monitoring approaches are changing rapidly due to recent advancements in technologies in both instruments and data analyses. Therefore, the scope of this Special Issue on Structural Health Monitoring for Mechanical Systems" will cover recent trends in health monitoring approaches.

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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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