

Special Issue

Advanced Technologies in Vibration Measurement and Active Control of High-Speed Rotational Machines

Message from the Guest Editors

High-speed rotational machines, are widely used in many fields as compressors, pumps, and spindles. Advanced technologies in vibration measurement and active control of high-speed rotational machines have become increasingly important to industrial applications. This Special Issue will focus on the advanced measurement methods, analysis methods and active vibration control methods of the high-speed rotational machines. We invite the submission of the latest high-quality contributions covering the advanced developments in the design, analysis and control of high-speed rotational machines, including but not limited to the following technical areas:

- machine design;
- vibration measurement;
- vibration control;
- numerical analysis;
- advanced control theory;
- signal processing.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2025)



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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.

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