



Rotor Dynamics and Rotating Machinery

Guest Editor:

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Deadline for manuscript
submissions:

closed (15 January 2024)

Message from the Guest Editor

This Special Issue invites high-quality research papers covering a wide range of topics related to rotor dynamics in rotating machinery. The papers are expected to provide newly developed ideas, analytical methods, and experiments that lead to a better understanding of the rotors' dynamics and their vibrations. Research areas may include, but are not limited to, the following topics:

- Rotor dynamics in the electric propulsion system;
- Rotor dynamics in gas turbines;
- Bearings design for high-speed applications;
- Modal updating in rotor dynamics;
- New methods for fault diagnosis techniques;
- Magnetic bearings and bearing-less machine developments;
- Active vibration control in rotating machinery;
- Elastohydrodynamic in bearings.

We look forward to receiving your contributions.





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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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