

Special Issue

Vibrations and Acoustics for Condition Monitoring in Non-Stationary Operations

Message from the Guest Editor

To foster knowledge exchange and explore the latest advancements in condition monitoring techniques for non-stationary operations, we are announcing a Special Issue: Vibrations and acoustics for condition monitoring in non-stationary operations. We invite researchers and experts in this field to contribute their insights, ideas, and research findings to enhance our understanding and develop innovative solutions for monitoring non-stationary operations. Topics

- AI and deep learning-based methods for defect identification;
- The dynamic analysis of complex systems;
- Digital twin technology-assisted condition monitoring;
- Vibration and acoustic emission analysis for non-stationary machinery;
- AI for defect diagnosis under varying speeds and loads.

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2025)



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

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