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Vibrations and Acoustics for Condition Monitoring in Non-Stationary Operations

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Deadline for manuscript
submissions:

closed (31 May 2025)

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.

Prof. Dr. Jiawei Xiang

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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