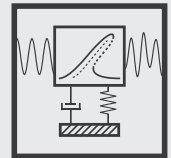


Mechanical Engineering

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Vibroengineering Procedia



VP Vibroengineering PROCEEDIA

Vibroengineering PROCEEDIA Volume 63 contains papers presented at the 77th International Conference on Vibroengineering in Almaty, Kazakhstan, June 11-12, 2026. The main theme of the Conference is “Advanced Engineering Problems in Mechanical, Civil, Communication, and Autonomous Technologies”.

Aims and Scope

Journal publishes original papers presenting the state of the art in vibroengineering of dynamical systems.

The list of principal topics:

- Measurements in engineering
- Mathematical models in engineering
- Acoustics, noise control and engineering applications
- Mechanical vibrations and applications
- Fault diagnosis based on vibration signal analysis
- Vibration control, generation and harvesting
- Seismic engineering and applications
- Modal analysis and applications
- Vibration in transportation engineering
- Flow induced structural vibrations
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77th International Conference on VIBROENGINEERING

June 11-12, 2026, in Almaty, Kazakhstan

The main theme of the conference: **Advanced Engineering Problems in Mechanical, Civil, Communication, and Autonomous Technologies**

General Topics of the Conference:

- Artificial intelligence applications in mechanical and transportation engineering
- Seismic analysis, modelling and optimization in civil engineering
- Intelligent mechanical fault diagnostics: theory and applications
- AI-Driven signal processing and its applications in communication systems
- Modeling, analysis, and mitigation of noise and vibration in mechanical and industrial engineering
- Engineering problems in robotics and AI-Driven autonomous systems
- Engineering problems in environmental and industrial safety
- Digital twins in engineering and industrial applications
- Advanced engineering problems in thermal and nuclear energy generation
- Advanced engineering problems in renewable energy generation

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SHORT DESCRIPTION ABOUT THIS CATEGORY

Vibroengineering is an abbreviation of two words: vibration and engineering. Vibration phenomena play an important role in a wide range of mechanical, structural, electromechanical systems. Vibration engineering covers such topics as mechanical vibrations and applications, fault diagnosis based on vibration signal analysis, seismic engineering, acoustics and noise control, energy harvesting and vibration generation.

Every consecutive Volume of Vibroengineering Procedia is dedicated to a separate conference in the series of International Conferences on Vibroengineering.