VP Vibroengineering PROCEDIA

Vibroengineering PROCEDIA Volume 45 contains papers presented at the 59th International Conference on VIBROENGINEERING held in, Dubai, United Arab Emirates, October 22, 2022. The main theme of the Conference is “Vibration and Acoustics in Civil Engineering and Fault Diagnostics”.

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
- Oscillations in biomedical engineering
- Chaos, non-linear dynamics and applications
- Oscillations in electrical engineering
- Fractional dynamics and applications
- System dynamics in manufacturing system modeling
- Dynamics of smart and functionally graded materials

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October 22, 2022, in Dubai, United Arab Emirates

The main theme of the conference: Vibration and Acoustics in Civil Engineering and Fault Diagnostics

General Topics of the Conference:

- Materials and 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 Generation and Control
- Seismic Engineering and Applications
- Modal Analysis and Applications
- Vibration in Transportation Engineering
- Flow-induced Structural Vibrations
- Biomechanics and Biomedical Engineering
- Chaos, Non-linear Dynamics and Applications
- Dynamics and Oscillations in Electrical and Electronics Engineering
- Fractional Differential Equations and Applications
- System Dynamics in Manufacturing System Modelling
- Dynamics of Smart and Functionally Graded Materials

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