

## Special Issue

# Vibration-Based Structural Health Monitoring in Engineering

### Message from the Guest Editors

This Special Issue aims to explore structural health monitoring via vibration-based approaches and applications in complex engineering systems. You are warmly invited to consider submitting your cutting-edge research for consideration. Some, but not all, areas of focus include: Diagnosis and prognosis techniques; Signal processing techniques; Vibration-based structural health monitoring (SHM) systems; Integration of non-destructive testing methods (e.g., guided waves, ground penetrating radar, acoustic emission, and thermography); Application of sensors, smart materials, and wireless communication; Monitoring of aging and durability, as well as structural renewal; Development of bio-inspired sensing or multifunctional materials; Integrated smart material systems and structures; Application of material monitoring techniques for civil infrastructure.

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### Guest Editors

Dr. Konstantinos Tatsis

Dr. Konstantinos Agathos

Prof. Dr. Costas Papadimitriou

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### Deadline for manuscript submissions

closed (20 March 2023)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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