

## Special Issue

# Structural Dynamics and Vibration

### Message from the Guest Editor

Understanding the dynamics and vibration of engineering components and structures plays a great role in improving their design and performance in real-world scenarios. Developing robust algorithms using theoretical/analytical models and numerical approaches validated with experimental techniques can bridge the gap between the theory and real practice. This Special Issue of *Applied Sciences* aims to present the latest advances and research findings in structural dynamics and vibration. It includes analytical, theoretical, numerical, computational, and experimental contributions to enhance our understanding of complex dynamic and vibration behavior in various structural components. Research articles, review papers, and case studies that address fundamental aspects and practical applications of structural dynamics and vibration are welcome. Contributions that offer new insights on physical systems, explore innovative methodologies, and have emerging applications are particularly encouraged.

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### Guest Editor

Dr. Hossein Bisheh

School of Engineering and the Built Environment, Anglia Ruskin University, Chelmsford, Essex CM1 1SQ, England, UK

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### Deadline for manuscript submissions

20 October 2025



## Applied Sciences

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*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls-ci@mdpi.com](mailto:appls-ci@mdpi.com)

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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  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

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