



## **Low-Frequency Vibration Control with Advanced Technologies**

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Deadline for manuscript submissions:

**closed (30 June 2023)**

### **Message from the Guest Editors**

Dear Colleagues,

Low-frequency vibrations, generally with large amplitude, contribute to problems in many fields, such as vehicles, marine crafts, and buildings. For example, in the system involving human operators or passengers, low-frequency vibration is one of the leading causes of discomfort, motion sickness, and musculoskeletal disorders. At the same time, large-amplitude low-frequency vibration threatens system safety significantly by inducing irreversible structural damages. As a result, many advanced technologies have emerged in this field, and some have been applied in practice, such as semi-active absorbers and isolators in vehicles and buildings.

Therefore, this Special Issue aims to bring together papers that describe recent advances in low-frequency vibration control with passive, active, semi-active, or hybrid ways. It is particularly encouraged that papers propose new concepts, investigate multiple DOFs' vibration control by considering coupling dynamics, and study nonlinear technologies.

Prof. Dr. Donghong Ning

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*Guest Editors*





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