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# **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 Prof. Dr. Shuaishuai Sun Guest Editors











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# **Message from the Editor-in-Chief**

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