



## Friction–Vibration Interactions

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

Dear Colleagues,

The study of friction–vibration interactions is crucial to understanding the vibration behavior of various mechanical components and systems. It explores the intricate relationship between friction and vibration, shedding light on the underlying mechanisms implicated and their effects on the performance and reliability of key components in mechanical systems. This Special Issue, entitled "Friction–Vibration Interactions," focuses on employing theoretical and experimental methods in order to reveal the coupling interaction between the interface mechanics of tribo-components in mechanical systems, such as lubrication, asperity contact, interfacial deformation, temperature rise, and the vibration behaviors of tribo-components and mechanical systems.

This Special Issue encompasses both numerical and experimental studies, aiming to provide a comprehensive exploration of the subject matter. Researchers and engineers from diverse backgrounds have contributed their expertise to this Special Issue,

