



Mechanics, Dynamics and Acoustics of Musical Instruments

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Message from the Guest Editors

The mechanics, dynamics, and acoustics of musical instruments is a fascinating and very generous field as it involves interdisciplinary research, in which the science of materials, mechanics, and acoustics of simple or complex structures are intertwined with psycho-acoustic studies on performers and audience. This Special Issue aims to highlight the complex aspects of musical instruments, based on numerical and/or experimental analysis, in conjunction with modern techniques for investigating traditional and new materials used for musical instruments. The Special Issue invites researchers on mechanical engineering; wood; acoustics; mathematics; materials science; music; signal processing; sociologists; musical instruments manufacturers, historians, and restorers of musical instruments to contribute to the development of knowledge of musical instruments.

Deadline for manuscript submissions:

closed (25 June 2023)





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Message from the Editor-in-Chief

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