

Special Issue

Damping in Structures and Mechanisms

Message from the Guest Editors

Modern mechanisms are increasingly made of lightweight (often composite) materials due to the well-known social need for energy savings. Despite their superior structural characteristics, lightweight structures may compromise comfort and exhibit fatigue to loading faster. Structural integrity can therefore be compromised. In order to maintain the comfort and safety levels within acceptable limits, additional damping at minimum extra weight needs to be implemented. This Special Issue will bring together academic and industrial researchers leading the field of mass-efficient, high-damping materials, mechanisms, and structures. The Issue will comprise high-quality manuscripts presenting a comprehensive range of cutting-edge technologies for damping enhancement strategies.

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Deadline for manuscript submissions

closed (28 February 2022)



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About the Journal

Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided. There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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