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Vibration Control Systems

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submissions:

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Message from the Guest Editor

Dear Colleagues,

Vibration mitigation is essential for a broad class of geo-structural, mechanical and aerospace engineering systems that are subjected to significant vibrations. This Special Issue aims to present the latest advances and technologies in the field of mechanical vibration control systems. Topics include, but are not limited to: Control algorithms, semi-active and active systems, passive systems including linear/nonlinear absorbers, inerters, tuned mass dampers, linear/nonlinear viscous dampers, seismic base isolation/frictional sliding isolation system including smooth/non-smooth nonlinear dynamics, and hysteretic/inelastic energy dissipating devices.

Dr. Nicholas A Alexander

Guest Editor



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Special Issue



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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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