



machines

an Open Access Journal by MDPI



Vibration Control Systems

Guest Editor:

Dr. Nicholas A Alexander

Department of Civil Engineering,
University of Bristol, Bristol BS8
1TR, UK

Deadline for manuscript
submissions:

closed (31 January 2019)

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



mdpi.com/si/12347

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

**Prof. Dr. Antonio J. Marques
Cardoso**

CISE—Electromechatronic
Systems Research Centre,
University of Beira Interior,
Calçada Fonte do Lameiro, P -
6201-001 Covilhã, Portugal

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within *Scopus*, *SCIE (Web of Science)*, *Inspec*, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Mechanical*)

Contact Us

Machines Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/machines
machines@mdpi.com
X@Machines_MDPI