

## Special Issue

# Advanced Technologies in Vibration Control Methods

### Message from the Guest Editors

Vibration control has been widely used in many fields, such as high-speed rotating machines, vehicles and precision machinery. Advanced technologies in vibration control and vibration isolation have become increasingly important in mechanical engineering and the civil engineering. This Special Issue is focused on novel measurement instruments, effective analysis methods and advanced control methods of vibration in both mechanical and civil engineering. We invite the submission of the latest high-quality contributions covering advanced developments in measurement systems, analysis methods and control theory of vibration, including but not limited to the following technical areas: active vibration control, passive vibration control, vibration isolation, vibration measurement, signal processing of vibration energy harvesters.

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### Guest Editors

Dr. Biao Xiang

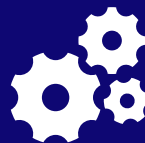
Dr. Wai On Wong

Dr. Hu Liu

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### Deadline for manuscript submissions

closed (15 September 2023)



## Machines

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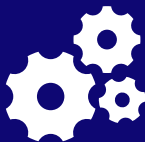


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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Antonio J. Marques Cardoso  
CISE - Electromechatronic Systems Research Centre, University of  
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