



## Structural Dynamics and Vibration Control

Guest Editors:

**Dr. Fiorenzo A. Fazzolari**

School of Engineering Brodie  
Tower, University of Liverpool,  
5th Floor, Room 512 Brownlow  
Hill, Liverpool L69 3GH, UK

**Dr. Francesco Tornabene**

Department of Innovation  
Engineering, University of  
Salento, 73100 Lecce, Italy

Deadline for manuscript  
submissions:

**closed (31 December 2021)**

### Message from the Guest Editors

Structural dynamics and related vibration control problems are amongst the most researched topics in aerospace, marine, civil, as well as mechanical engineering applications today. In this respect, the aim of this Special Issue is to share knowledge and to foster and boost discussions on the latest computational methods and experimental techniques employed to analyse and investigate complex dynamics systems and structures, including low-, medium- and high-frequency range problems in the former, and the latest and most advanced composite materials in the latter.

Stability analysis of both determinist and stochastic dynamics systems and related control techniques is suitable for this Special Issue.

In addition, the submission of articles focused on smart materials such as piezoelectric sensors and actuators, shape memory alloys, magnetorheological materials, and magnetostrictive and electrostrictive materials, among others—employed for vibration control issues—is highly encouraged.

