

Special Issue

Vibration Damping, 2nd Edition: Response Mitigation of Structural and Rotating Systems—Smart, Nonlinear and Hybrid Solutions

Message from the Guest Editors

Vibration damping remains critical for safety, reliability, control and performance in both engineering structures and rotating machinery operating under demanding conditions. Recent advances in dissipation mechanisms, smart materials and electromechanical coupling, nonlinear energy transfer, and engineered/periodic structures enable new solutions that combine damping performance, robustness and multifunctionality. Submissions are especially encouraged within the following two application pillars, supported by a set of cross-cutting methods and technologies.

Pillar 1 – Structural and Civil Vibration Mitigation

Pillar 2 – Rotating Machinery Damping and Industrial Rotordynamics

Cross-cutting Methods and Technologies (supporting both pillars)

Both fundamental and application-oriented papers are welcome, provided they demonstrate clear relevance to vibration damping and include sound modelling/identification and/or experimental validation.

Guest Editors

Dr. Mohamed Hamdaoui

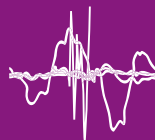
Dr. Kouider Bendine

Dr. George Papagiannopoulos

Dr. Saeed Bab

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Vibration
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
vibration@mdpi.com

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Editor-in-Chief

Prof. Dr. Aleksandar Pavic

College of Engineering, Mathematics and Physical Sciences, University
of Exeter, Kay Building, Exeter EX4 4QF, UK

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