

Special Issue

A Compendium of the Latest Developments in Operational Modal Analysis of Civil Engineering Structures with Applications

Message from the Guest Editors

The 10th International Operational Modal Analysis Conference (IOMAC 2024) represents a forum for the exchange of ideas, knowledge sharing, and technology-need matchmaking in the global OMA community. The theme of the IOMAC 2024 Conference, “Augmented OMA”, reflects the fact that the well-established OMA applicative perspectives and performance can be augmented by applying advanced AI technologies, modeling and optimization tools, as well as innovative data processing approaches. These enlarge the classical domain of OMA towards the development of SHM technologies, digital twins, and innovative assessment procedures. Moreover, new sensing technologies as well as improvements in existing ones provide a significant impulse to the applications. The above considerations confirm that there is a tremendous opportunity to explore new applications of these technologies. This volume aims to collect selected high-quality papers presented at the 10th International Operational Modal Analysis Conference. For more details about the conference, please visit: <https://iomac2024.com>.

Guest Editors

Dr. Carlo Rainieri

National Research Council of Italy, Construction Technologies Institute,
Corso Nicolangelo Protopisani 70, 80146 Naples, Italy

Prof. Dr. Carmelo Gentile

Department of Architecture, Built Environment and Construction Engineering (ABC), Politecnico di Milano, Piazza Leonardo da Vinci 32, 20133 Milan, Italy

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Dr. Pedro Arias-Sánchez

Applied Geotechnologies Group, Department of Natural Resources and Environmental Engineering, School of Mining Engineering, University of Vigo, 36310 Vigo, Spain

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