



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

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### 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>.





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