

Special Issue

Advanced Sensing and Imaging Techniques for Structural Dynamics, Health Monitoring, and Integrity Assessment

Message from the Guest Editors

This Special Issue will showcase innovative research on advanced sensing and imaging technologies for the analysis of structural dynamics and health monitoring. By incorporating both imaging methods (e.g., visible and infrared) and novel sensor types, such as 3D-printed strain gauges and custom sensor arrays, this collection will present a comprehensive view of the latest advancements in structural monitoring, dynamic identification, and predictive maintenance. The convergence of these technologies offers new possibilities for understanding structural behavior under dynamic conditions, enhancing our ability to monitor, predict, and ensure the integrity of critical infrastructures.

Guest Editors

Dr. Lorenzo Capponi

Laboratory for Dynamics of Machines and Structures, University of Ljubljana, Ljubljana, Slovenija

Dr. Massimiliano Palmieri

Department of Engineering, University of Perugia, Via G. Duranti 93, 06125 Perugia, Italy

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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