

# Special Issue

## Recent Advances in Experimental Mechanics

### Message from the Guest Editors

There is an increasing interest in the development of novel machines that feature high reliability, versatility, and efficiency. However considerable effort is required in order to design, produce and test these machines. Experimental and simulative tools may assist the design stage, while sensorization can be employed during production for diagnostic purposes and monitor the efficiency of machines. Finally, in-field testing is often required to assess the reliability of the machine and whether all the specifications have been properly met. The 21st International Conference on Experimental Mechanics, ICEM21 (to be held in Bologna, Italy, from 6th to 11th July 2025 by the European Society for Experimental Mechanics, EURASEM), provides an opportunity for engineers, scientists, and scholars to present research that addresses recent advances in experimental mechanics. This Special Issue welcomes papers presented at the aforementioned conference.

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### Guest Editors

Prof. Dr. Dario Croccolo

Dr. Giorgio Olmi

Dr. Mattia Mele

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### Deadline for manuscript submissions

31 October 2025



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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