

## Special Issue

# Application of Finite Element Model Updating Techniques

### Message from the Guest Editors

The aim of this Special Issue is to describe updating techniques that can assure the abovementioned high quality in the requested information. Main focus areas:

- Review and case studies of classical FE model updating;
- New FE model updating techniques for higher accuracy toward reality;
- Applications of updated models for response prediction, e.g., digital twin technology;
- Application of FE model updating in structural health monitoring;
- Application of automated FE model updating techniques;
- Important case studies.

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### Guest Editors

Dr. Sandro D. R. Amador  
Dr. Evangelos I. Katsanos  
Dr. Rune Brincker

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### Deadline for manuscript submissions

closed (20 December 2021)



## Applied Sciences

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Impact Factor 2.5  
CiteScore 5.5



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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  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
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### Author Benefits

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