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Artificial Intelligence and Sensing Techniques for Structural Health Monitoring, Damage Detection and Control

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Deadline for manuscript
submissions:

closed (30 November 2022)

Message from the Guest Editor

Dear Colleagues,

Artificial Intelligence is quickly becoming an important aspect surrounding the topic of assessing mechanical and civil structures. While a wide range of approaches have been considered in this regard and when using different methodologies, significant questions and gaps remain around their assessment and understanding, in particular around the topic of the robustness of these methods as well as in the comparability and creation of robust benchmarks.

The issue considers but is not limited to the following topics in

- structural health monitoring
- damage detection
- feature engineering
- structural control
- deep learning
- machine learning
- neural networks

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Special Issue



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Message from the Editor-in-Chief

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