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Intelligent Sensing Technologies in Structural Health Monitoring

Guest Editors:

Prof. Dr. Xiangyang Xu

Prof. Dr. Hao Yang

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Message from the Guest Editors

Dear Colleagues,

Intelligent sensing technologies have been widely adopted in the field of structural health monitoring of various constructions, providing adequate information of objects and powerful computational and analytical methods for the monitoring of tunnels, bridges, subways, and many other kinds of constructions. Different scientific communities have paid great attention to this topic because it promotes a deep understanding of structure monitoring and, thus, plays an important role in the development of intelligent monitoring technologies.

This Special Issue aims to synthesize the state of the art in intelligent sensing, multisensor measurements, artificial intelligence, structural health monitoring, laser-based measurements, machine vision, deep learning, and deformation analyses. We hope to showcase the impact of the intelligent monitoring of modern constructions and strengthen the academic exchange in the field of intelligent monitoring methods and applications.

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Special Issue



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Message from the Editor-in-Chief

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