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Sensing Technologies for Damage Detection

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Deadline for manuscript
submissions:

closed (20 June 2022)

Message from the Guest Editor

Dear Colleagues,

Research articles and reviews are solicited that provide a comprehensive insight into the sensing technologies for damage detection on any aspect of novel sensor development and applications. Topics of interest include but are not limited to the following:

- Structural health monitoring
- Nondestructive test and evaluation
- Novel structural health monitoring modeling and evaluation
- Advanced computational methods and signal processing
- Big data collection and processing for the SHM
- Material assessment using SHM systems
- Structural management using monitoring systems
- Advanced sensors technologies and reliability
- Embedded sensing system for structural health monitoring
- Big data processing and management for SHM
- New damage detection, localization, or quantification methods
- Computer-vision-based damage detection methods
- Advanced deep machine-learning-based damage detection
- Application of SHM to large-scale infrastructures
- UAV-based infrastructure monitoring



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Dr. Julio J. Valdes
Guest Editor

Special Issue



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Message from the Editor-in-Chief

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