



Damage Detection of Structures Based on Piezoelectric Sensors

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Message from the Guest Editor

This Special Issue seeks innovative work exploring new analytical methods and experimental techniques for the non-destructive evaluation and monitoring of structural members based on the properties of the piezoelectric sensors.

The particular topics of interest include, but are not limited to:

Deadline for manuscript
submissions:

closed (30 November 2020)

- Piezoelectric sensors for damage detection of structures
- Experimental testing for damage detection, identification, and assessment using piezoelectric sensors
- Structural Health Monitoring (SHM) of structures using PZTs
- Cracking diagnosis of reinforced concrete structural members
- Yielding detection and corrosion evaluation of structural steel and steel reinforcement
- Real-time, continuous, and wireless monitoring of structures
- Finite-element modeling
- Electro-Mechanical Admittance (EMA) or Impedance (EMI) techniques for SHM
- New sensors and techniques for SHM applications
- Applications and development of PZT-based non-destructive techniques





sensors



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Message from the Editor-in-Chief

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