

Special Issue

Structural Health Monitoring for Smart Structures

Message from the Guest Editor

The science of monitoring (continuous or periodic) of the condition of a structure using built-in or autonomous sensory systems is called structural health monitoring (SHM). The acquired data in combination with advanced signal processing techniques can indicate the need for monitoring, inspection, damage assessment, and maintenance actions upon demand. This Special Issue will focus on all the opportunities of SHM for smart structures. This Special Issue focuses on recent developments in theoretical, computational, experimental, and practical aspects in the field.

Keywords

- damage detection
- sensors
- signal processing
- structural health monitoring
- smart structures
- system identification

Guest Editor

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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