



Damage Sensing in Composites for Structural Health Monitoring

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Message from the Guest Editor

In recent years, structural health monitoring (SHM) has been more integrated into the composites' industry with their increasing use in wide range of applications. Several health monitoring concepts such as novel non-destructive testing (NDT) technologies, embedded sensors, and self-sensing material systems, etc., have been lately explored in composites. The aim of this Special Issue on "Damage Sensing in Composites for Structural Health Monitoring" is to showcase the most recent and relevant advances in the damage sensing field, oriented to the following topics (but not limited to them):

- self-sensing composite materials using carbon-based or metallic nano inclusions
- embedded sensors (fiber optics, smart piezoelectric films or coatings)
- non-destructive testing techniques (ultrasonic, thermography, x-ray, laser stereography, acoustic emission, and computed tomography)
- vibration-based damage sensing methodologies

