

## **Call for Papers:**

A Special issue on ***Nano Technology and Smart Sensors*** for Structural Health Monitoring

The International Journal of Structural Health Monitoring (SHM) is seeking high quality research papers for a special issue on Nano Technology and Smart Sensors for Structural Health Monitoring. Recent developments in Nano Technology and Smart Sensors are taking SHM in to a new dimension. New technologies and sensors are not only revalorizing SHM systems but also changing the traditional SHM concepts. The smart sensors and nano technologies have set the evolution of the concept of Smart Structures. In order to take these remarkable developments to scientific community, The Journal of Structural Health Monitoring has organized a special issue on these new developments. The aim of this special issue is to produce a combined knowledge to SHM audience on these new SHM technologies and their current progress. The specific topics include but are not limited to:

- Nano Sensors and Networks for SHM
- MEMS and Networks for SHM
- Nano Technology for SHM
- Nano Materials for sensing
- Smart Structures that has self-prognostic/self-diagnostic capability
- Smart Materials for Smart Sensors
- Nano Materials for Sensing
- Smart Sensor Networks
- Damage Algorithms for Smart Sensor Networks
- Decision Making Systems for Smart Sensor Networks

Articles will be selected for publication based on technical originality and novelty, topical relevance, significance for an interdisciplinary audience with a broad interest in structural health monitoring. Manuscripts should be submitted by **31<sup>st</sup> March 2014** to the SHM journal website: [shm.sagepub.com](http://shm.sagepub.com).

Please indicate in your cover letter that you would like to have your manuscript considered for this special issue. The submitted papers for this special issue will go through the normal review process consisting of pre-screening, full review, and revision as needed.

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