



Structural Health Monitoring (SHM) of Civil Structures

Guest Editors:

Prof. Dr. Gangbing Song

John and Rebecca Moores
Professor, Professor of
Mechanical Engineering,
University of Houston, Houston,
TX, USA

GSong@Central.UH.EDU

Prof. Chuji Wang

Department of Physics and
Astronomy, Mississippi State
University, P.O. Drawer 5167,
Mississippi State, MS 39762, USA

cw175@msstate.edu

Dr. Bo Wang

School of Civil Engineering,
Southwest Jiaotong
University, Chengdu,
Sichuan, China

ahbowang@home.swjtu.edu.cn

Deadline for manuscript
submissions:

closed (31 March 2017)

Message from the Guest Editors

Dear Colleagues,

Recent progress in sensing technology and techniques have allowed us to gain insight into the diagnosis of diseases as well as determine the remaining service life of a device. The influence of such progress has also found its place in the diagnosis of structural conditions. This Special Issue will showcase some of the latest efforts advancing the frontiers of structural health monitoring. Topics include, but are not limited to: sensors for structural health monitoring; damage detection and characterization/feature extraction algorithms; data transmission for embedded systems; structural warning systems; validation of structural health monitoring techniques; case studies of health monitoring of infrastructures (bridges, tunnels, pipelines, ...); model-based structural service life prediction methods; etc.

Prof. Dr. Gangbing Song

Guest Editor

