

## Special Issue

# Distributed Sensing and Imaging Technologies for Health Monitoring Applications

### Message from the Guest Editors

Health monitoring and damage identification of structural systems are essential to extend the working life of structures subjected to aging degradation, allowing the increase in safety and reliability and the optimization of proactive maintenance operations. Recent advances in sensors and computing technologies has provided an unprecedented opportunity to complement traditional structural health monitoring (SHM) and non-destructive evaluation (NDE) approaches. In addition, signal and image analysis techniques play an important role in noise removal (denoising), feature extraction, dimensionality reduction, data compression and encryption, which are an integral part of many health monitoring systems that perform automatic event detection, classification, localization and prediction systems in various applications of structural health monitoring, vehicle health monitoring and machine health monitoring, environmental health monitoring, precision agriculture and power quality monitoring. For more details, please visit [here](#).

### Guest Editors

Prof. Dr. Ram Bilas Pachori

Department of Electrical Engineering, Indian Institute of Technology  
Indore, Indore 453552, India

Dr. M. Sabarimalai Manikandan

Department of Electrical Engineering, Indian Institute of Technology  
Palakkad, Palakkad, Kerala, India

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## Sensors

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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