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## Distributed Sensing and Imaging Technologies for Health Monitoring Applications

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### 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.

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# Special Issue



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## Message from the Editor-in-Chief

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