Special Issue

Sensors for Prognostics and Health Management

Message from the Guest Editor

Prognostics and Health Management (PHM) methodologies can provide effective means for a reduction in the costs associated with the maintenance and sustainability of complex systems, equipment, and facilities through the accurate assessment of incipient damages and the reliable prediction of the remaining useful life at the component and system levels, thereby enabling predictive maintenance while replacing periodic/routine maintenance scheme. As a relatively new engineering discipline, PHM is receiving fast-growing attention and interest from both academia and industry nowadays, and has found widespread applications in aerospace, energy, manufacturing, defense, automotive, transportation, communication, and healthcare. Sensors are essential components of a typical PHM system. Effective PHM relies on advanced sensors and sensing technologies for providing informative data to estimate the health condition of the system. The MDPI journal, *Sensors*, is soliciting high-quality papers that document original and significant research works in “Sensors for PHM”. We welcome your participation and look forward to your contribution to this Special Issue.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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