Special Issue

Wireless Sensor Networks for Condition Monitoring

Message from the Guest Editor

Condition monitoring (CM) usually requires continuous monitoring of physical variables such as vibrations, electric current, sound or temperature from running machinery to implement maintenance policies using machine learning models. Traditionally, continuous monitoring has focused on critical machinery only, but wireless sensor networks (WSNs) enable the deployment of myriads of sensors capable of sensing, computing and communicating wirelessly to gather information from industrial equipment. The Special Issue on "Wireless Sensor Networks for Condition Monitoring" aims to explore the latest advancements, challenges, and opportunities of WSNs across different sectors when applied to condition monitoring. Contributions from researchers, practitioners, and experts in the field proposing novel methodologies, applications, and best practices in this domain are welcomed. Keywords:
industrial IoT fault detection and diagnosis predictive maintenance sensors for condition monitoring WSNs in harsh environments deep learning or machine learning models for condition monitoring ......

Guest Editor

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Deadline for manuscript submissions

30 September 2025

Sensors

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Message from the Editor-in-Chief

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