Special Issue

Fault Diagnosis Platform Based on the Internet of Things and Intelligent Computing

Message from the Guest Editors

In the era of IoT big data, the integration of cloud-edge computing technologies, cyberphysical systems, and artificial intelligence enables the full potential of accurate fault diagnosis and predictive maintenance in power transformer cyberattacks, battery lifetime predictions, rotating machine faults, etc. This Special Issue seeks innovative works on a wide range of research topics, which include (but are not limited to) the following:

- Industrial system security;
- Advanced cloud-assisted intelligent architecture in smart factory;
- End–edge–cloud-orchestrated fault diagnosis platforms;
- Integrated framework employing IoT and big data techniques;
- Artificial intelligence of things systems;
- Fault diagnosis methods based on big data analysis;
- Deep learning applications in industrial security challenges.

We would like to cordially invite you to submit an article to this Special Issue, including short communications, full research articles, and timely reviews.

Guest Editors

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Deadline for manuscript submissions

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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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