Special Issue

Industrial Sensor Enabled Smart Computing for Design, Control and Maintenance in Real Time Applications

Message from the Guest Editors

Modern sensors are a vital component in industrial applications as they enable the reading and sensing of measurement properties that can predict failure, track levels, and enhance manufacturing efficiencies for monitoring, control, and predictive maintenance. This Special Issue will feature state-of-the-art research addressing the broad challenges involved in developing sensors for industrial, healthcare, and transportation applications and analyzing sensor data using big data methods. The topics covered include (but are not limited to):

- Sensors for the smart manufacturing
- Wearable sensors for smart healthcare
- Impact of sensors on manufacturing efficiency
- Deep learning for sensor data analysis
- Predictive maintenance using sensor data analysis
- Internet-of-Things-enabled decision making in industrial applications
- Artificial Intelligence
- Modern and upcoming sensor technologies
- Sensor-enabled smart vehicles
- Sensor-enabled intelligent transportation.

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Deadline for manuscript submissions

closed (30 April 2024)

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About the Journal

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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