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

Guest Editors:

Dr. Sachin Kumar
Department of Computer Science, South Ural State University (National Research University), Chelyabinsk 454080, Russia

Dr. Prayag Tiwari
School of Information Technology, Halmstad University, Halmstad, Sweden

Deadline for manuscript submissions:
closed (30 April 2024)

Message from the Guest Editors

Dear Colleagues,

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.

Please contact the Guest Editors or the Assistant Editor at (ava.jiang@mdpi.com) for any queries.

For more information, please visit the website at: https://www.mdpi.com/si/139891

mdpi.com/si/139891

Special Issue

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

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.

Author Benefits

Open Access : free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.
Journal Rank: JCR - Q2 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

Contact Us