Special Issue

AI and IoT Convergence for Sustainable Smart Manufacturing

Message from the Guest Editors

This Special Issue encourages new thinking and discussion on how AI and IoT technologies can address the many key issues of energy management, optimization, and the performance of sensors and actuators in sustainable smart manufacturing. The topics of interest include, but are not limited to, the following:

- AI and IoT applications for sustainable smart manufacturing;
- AI and IoT technologies for the energy management and energy storage systems of sensors and actuators;
- AI and IoT technologies for wireless energy harvesting;
- AI and IoT technologies for the deployment and scheduling of sensors and actuators;
- AI and IoT technologies for obtaining ESG data and analysis;
- Design of sensors and actuators in sustainable smart manufacturing;
- Industry 4.0 for sustainable smart manufacturing;
- Energy distribution of sensors and actuators;
- Green energy and carbon footprint of sensors and actuators;
- Sustainability and net-zero carbon emissions in smart manufacturing processes;
- ESG, sensors and actuators in sustainable smart manufacturing.

Guest Editors

Prof. Dr. Chun-Cheng Lin

Department of Industrial Engineering and Management, National Yang Ming Chiao Tung University, Hsinchu 300, Taiwan

Dr. Tony Huang

Faculty of Transdisciplinary Innovation, University of Technology Sydney, Ultimo 2007, Australia

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About the Journal

Message from the Editor-in-Chief

I encourage you to contribute research and comprehensive review articles for publication in Journal of Sensors and Actuator Networks (JSAN), an international, open access journal which provides an advanced forum for research findings in areas of sensors and actuators. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sensors and actuators and fostering applications of sensor-based measurements and effective actuator incorporation.

Editor-in-Chief

Prof. Dr. Lei Shu
1. College of Smart Agriculture (Artificial Intelligence), Nanjing Agricultural University, Nanjing 210031, China
2. School of Engineering, College of Science, University of Lincoln, Lincoln LN6 7TS, UK

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