

Special Issue

Intelligent Sensing, Control and Optimization for Sustainable Cyber-Physical Systems

Message from the Guest Editors

This Special Issue aims to establish a forum for international researchers from different fields, to present and evaluate the most recent developments and new ideas in the intelligent sensing, control and optimization of sustainable CPS. Potential topics include, but are not limited to the following:

- Condition monitoring of key equipment in sustainable CPS;
- Advanced sensing solutions for sustainable CPS;
- Multimodal sensor fusion and data analysis;
- Real-time process monitoring for sustainable CPS;
- Process optimization and control of sustainable CPS;
- Digital twin-assisted sustainable CPS;
- Prognostics and health management (PHM) applications in sustainable CPS;
- Real-time and reliable communication in sustainable CPS;
- Sensing and communication security in sustainable CPS;
- Adaptive control and optimization in sustainable CPS;
- Hybrid computing for real-time monitoring and control in sustainable CPS.

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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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