Special Issue

Novel Sensors and Sensing Technology Used for Empowering High-End Equipment Structure

Message from the Guest Editors

As high-end equipment structures are becoming lightweight, intelligent and multifunctional, it is necessary to use various sensors and acquire ambient information, provide endless data and power the equipment. The objective of this Special Issue is to provide wide coverage of research on the latest advances in sensors and/or sensing technologies in the field of high-end equipment and structures. The scope of this Special Issue includes but is not limited to the following:

- Novel sensor design, calibration and data processing;
- Sensor performance and reliability analysis in high-end equipment;
- IoT sensor networks and multi-functional sensing techniques;
- Computational sensing and perception in robotic systems;
- AI-enabled sensing technology in mechatronics systems;
- Other sensors techniques in high-end equipment structures.

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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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