Special Issue

Advanced Signal and Image Processing Techniques for Sensor Applications

Message from the Guest Editors

This Special Issue of *Sensors* aims to highlight advances in the development, testing and application of signal and image-processing algorithms and techniques for all types of sensors and sensing methodologies. Experimental and theoretical results, as well as review papers, will also be considered. Research areas may include (but are not limited to) the following:

- Advanced sensor characterization techniques;
- Ambient assisted living;
- Biomedical signal and image analysis;
- Signal and image processing (e.g., deblurring, denoising, super-resolution);
- Signal and image understanding (e.g., object detection and recognition, action recognition, semantic segmentation, novel feature extraction);
- Internet of Things (IoT);
- Machine learning (e.g., deep learning) in signal and image processing;
- Radar signal processing;
- Real-time signal and image processing algorithms and architectures (e.g., FPGA, DSP, GPU);
- Remote sensing processing;
- Sensor data fusion and integration;
- Sensor error modelling and online calibration;
- Smart environments and smart cities;
- Wearable sensor signal processing and its applications.

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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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