

Special Issue

Sensor Techniques for Signal, Image and Video Processing

Message from the Guest Editors

The development of sensor technologies is driven by the emergence of new challenges, such as autonomous driving, the Internet of Things, on-chip clinical analysis laboratories, and the need for localization and rescue in natural disasters, among many others. Ubiquitous access to services relies heavily on advanced, increasingly sophisticated and self-controlled sensor technologies that make up a fundamental aspect of the Internet of Things and remote sensing. This Special Issue welcomes submissions regarding, but not limited to,

- Car sensors such as inertial, Lidar, ultra-sound and radar;
- Image sensing for remote sensing and weather condition monitoring;
- Sensors for biomedical signal applications;
- Optical image sensors;
- VLSI architectures for high-speed signal, image and video processing;
- Sensor networks (including IoT for video processing and related areas);
- Multi-sensor systems: signals, processing and interfaces;
- Sensing technologies for real-time radar and sonar processing and image formation;
- Sensors for image reconstruction and retrieval;
- Applications using new imaging sensor technologies (e.g., biomedical image and video processing, wearable sensors or array sensors).

Guest Editors

Dr. Carlos Lima

Centro ALGORITMI, Escola de Engenharia, Universidade do Minho,
4800-058 Guimarães, Portugal

Dr. Adriano José C. Tavares

Centro ALGORITMI, Escola de Engenharia, Universidade do Minho,
4800-058 Guimarães, Portugal

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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