

Special Issue

Sensor Signal and Information Processing IV

Message from the Guest Editors

The focus of the Special Issue will be on a broad range of sensors, signals, and information processing involving the introduction and development of new advanced theoretical and practical algorithms. Potential topics include, but are not limited to the following:

- Biomedical signal processing and instrumentation
- Pattern recognition and analysis
- Machine learning for signal and image processing
- Multimodality sensor fusion techniques
- Compressed sensing and sparsity aware processing
- Data science and analytics for big data
- Deep learning: theory, algorithms, and applications
- Multi-objective signal processing optimization
- Multimodal information processing for healthcare, monitoring, and surveillance
- Computer vision and 3D reconstruction with multimodal data fusion
- Wearable sensors and IoT for personalized health monitoring and social computing
- Non-destructive testing and evaluation for material characterization, structural integrity, defect detection and identification, and stress and lifecycle assessment
- Signal processing for smart grid, load forecasting, and energy management
- Precision farming combining sensors and imaging with real-time data analytics

Guest Editors

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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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