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Data, Signal and Image Processing and Applications in Sensors II

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Deadline for manuscript submissions:

closed (20 October 2022)

Message from the Guest Editor

Dear Colleague,

This Special Issue aims to highlight advances in the development, testing, and application of data, signal, and image processing algorithms and techniques to all types of sensors and sensing methodologies:

- Advanced sensor characterization techniques
- Ambient assisted living
- Biomedical signal and image analysis
- Low-level programming of sensor
- Machine learning in signal and image processing
- Multimodal information processing for healthcare, monitoring, and surveillance
- Multi-objective signal processing optimization
- Radar signal processing
- Real-time signal and image processing algorithms and architectures (FPGA, DSP, GPU)
- Remote sensing processing
- Sensor data fusion and integration
- Sensor error modelling and online calibration
- Sensors and smart sensors for IoT devices
- Signal and image processing (deblurring, denoising, super-resolution)
- Signal and image understanding (object detection and recognition, action recognition, semantic segmentation, novel feature extraction)
- Smart environments, smart cities, smart grid, load forecasting and energy management
- Smart sensor development and applications
- Wearable sensor signal processing and its applications



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Special Issue



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Message from the Editor-in-Chief

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