

Special Issue

Multi-Sensor Data Fusion

Message from the Guest Editor

Multi-sensor data fusion aims to synergistically combine data and information from multiple sensors and sources to achieve more accurate and specific inference than that which could be obtained by using a single sensor alone. This Special Issue will showcase recent advances in the field of multi-sensor data and information fusion. We expect that papers will tackle at least one of the following three aspects: architecture, methods and algorithms, and applications. Both fundamental papers exploring new methodologies and applied papers demonstrating new applications of sensor fusion are welcome. Topics of interest for this Special Issue include, but are not limited to, the following:

- New system architecture and design paradigm;
- Advanced signal and image processing;
- Machine learning for sensor fusion;
- Adaptive fusion techniques;
- Multi-modal sensor fusion;
- Uncertainty handling in fusion process;
- Resource management and fusion process refinement;
- Evaluation of fusion performance;
- Applications to real-world problems.

For more information, please visit: mdpi.com/si/191038

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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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