Special Issue

Sensor Fusion for Object Detection, Classification and Tracking

Message from the Guest Editor

Audio-visual-based object detection and tracking is a fundamental problem in computer vision and signal processing. This call for papers invites technical contributions to *Sensors* Special Issue on “Sensor Fusion for Object Detection, Classification and Tracking”. The Special Issue aims to publish original technical papers and review papers on recent technologies that focus on object detection and tracking, knowledge extraction, distributed sensor networks, sensor fusion, and applications. Potential topics include but are not limited to the following:

- Detection and tracking objects using various sensors;
- Intelligent object detection algorithms;
- Visual sensor network architecture for object detection and tracking;
- Real-time visual object tracking in vision sensor network;
- Intelligent machine learning mechanism for object detection and recognition;
- Deep learning for real-time object detection and tracking;
- Computational photography for object detection and tracking;
- Development of non-visual sensors and their applications to video analysis and tracking;
- Acoustic and vision sensor fusion schemes.

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2021)

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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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