



Visual Sensor Networks for Object Detection and Tracking

Guest Editor:

Prof. Dr. Byung-Gyu Kim

Department of IT Engineering,
Sookmyung Women's University,
Seoul, Korea

bg.kim@ieee.org

Message from the Guest Editor

This issue will publish original technical papers and review papers on these recent technologies which are focusing on visual recognition, real-time visual object tracking, knowledge extraction, distributed visual sensor networks, and applications.

Keywords

- Intelligent object detection algorithms
- Fast and complexity reduction algorithms for real-time object detection and tracking
- Knowledge extraction and mining from visual sensor data
- Visual sensor network architecture for object detection and tracking
- Awareness-based visual sensor network design
- Intelligent machine learning mechanism for object detection and recognition
- Lightweight deep learning for real-time object detection and tracking
- Visual data representation and transmission in a 5G network
- Real-time visual object tracking in vision sensor network
- Intelligent CCTV applications

Deadline for manuscript
submissions:

15 January 2021





Editors-in-Chief

Prof. Dr. Assefa M. Melesse

Dr. Alexander Star

Prof. Dr. Mehmet Rasit Yuce

Prof. Dr. Eduard Llobet

Prof. Dr. Guillermo Villanueva

Dr. Vittorio M.N. Passaro

Dr. Davide Brunelli

Message from the Editorial Board

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.

Author Benefits

Open Access:—free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed by the [Science Citation Index Expanded](#) (Web of Science), [MEDLINE](#) (PubMed), [Ei Compindex](#), [Inspec \(IET\)](#) and [Scopus](#).

CiteScore (2019 Scopus data): **5.0**; ranked 17/129 (Q1) in 'Physics and Astronomy: Instrumentation' and 147/670 (Q1) in 'Electrical and Electronic Engineering' and 70/300 (Q1) in 'Computer Science: Information Systems'.

Contact Us
