



Sensors Fusion for Human-Centric 3D Capturing

Guest Editors:

Dr. Dimitrios Zarpalas

Information Technologies
Institute, Centre of Research &
Technology—Hellas, 1st km
Thermi - Panorama, 57001,
Thessaloniki, Greece

zarpalas@iti.gr

Dr. Petros Daras

Information Technologies
Institute, Centre of Research &
Technology – Hellas, 1st km
Thermi - Panorama, 57001,
Thessaloniki, Greece

daras@iti.gr

Deadline for manuscript
submissions:

29 February 2020

Message from the Guest Editors

This Special Issue invites contributions that address multi-sensor and multi-modal information fusion with the aim of capturing humans in 3D. It aims at capturing the current and emerging statuses in the human capturing relevant technologies like 3D reconstruction, motion, and actions. In particular, submitted papers should clearly show novel contributions and innovative applications covering but not limited to any of the following topics around 3D human capturing using multiple sensor modalities:

- Multi-modal data fusion;
- Multi-sensor alignment;
- Sensor data denoising and completion;
- Multi-modal learning for sensor domain invariant representations;
- Cross-modality transfer learning;
- Self-supervised multi-modal learning;
- Multi-sensor and multi-modal capturing systems;
- Multi-modal dynamic scene capturing;
- Open source frameworks and libraries for working with multi-modal sensors;
- Multi-modal and multi-sensor applications

For further reading, please visit the special issue website at mdpi.com/si/27922.





an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Assefa M. Melesse

Prof. Dr. Alexander Star

Prof. Dr. Vittorio M.N. Passaro

Prof. Dr. Leonhard M. Reindl

Prof. Dr. Mehmet Rasit Yuce

Prof. Dr. Eduard Llobet

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 (2018 Scopus data): **3.72**; ranked 9/123 in 'Physics and Astronomy: Instrumentation' and 102/661 in 'Electrical and Electronic Engineering'.

Contact Us

Sensors
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
@Sensors_MDPI