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Sensors Fusion for Human-Centric 3D Capturing

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Deadline for manuscript
submissions:

closed (31 December 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.



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Special Issue



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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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