

Topical Collection

3D Human-Computer Interaction Imaging and Sensing

Message from the Collection Editors

To bring together different facets of natural computer interfaces and interactions between the human and the computer, papers reporting novel imaging methods using sensors or wearable hardware are invited for submission to this Special Issue. In particular, in this Special Issue, we invite submissions further researching and exploring the development of new algorithms for 3D human-computer interactions. We welcome contributions that can focus on sensors, wearable hardware, algorithms, or integrated monitoring systems. The application areas include, but are not limited to, the following topics:

- 3D human-computer interaction;
- 3D human-robot interaction;
- 3D pose estimation;
- Human action recognition;
- Video surveillance;
- Scene understanding;
- Gaming;
- Sport performance analysis;
- Proxemic recognition;
- Estimating the anthropometry of a human from a single image;
- 3D avatar creation;
- Understanding the camera wearer's activity in an egocentric vision scenario;
- Describing clothes in images;
- Mixed, augmented, and virtual reality.

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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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