

Special Issue

Sensing and Processing for 3D Computer Vision

Message from the Guest Editor

This Special Issue is targeting the submission of research articles on 3D sensing technology and the use of advanced 3D sensors in computer vision. Original contributions on novel active 3D sensors, stereo reconstruction approaches and sensor calibration techniques are solicited. Articles on 3D point cloud/mesh processing, geometric modelling, shape representation and recognition are also of interest for this Special Issue. Articles on the application of 3D sensing and modelling to metrology, industrial inspection and quality control, augmented/virtual reality, heritage preservation, arts and other fields are also welcome.

- Active/passive 3D sensors
- Sensor calibration
- Stereo reconstruction
- Point cloud/mesh processing
- Geometry
- Modelling and representation
- Shape analysis and recognition
- Applications of 3D vision

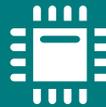
Guest Editor

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Deadline for manuscript submissions

closed (30 November 2021)



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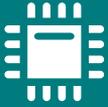


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Message from the Editor-in-Chief

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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