Special Issue

3D Object and Scene Detection, Reconstruction, Segmentation Based on Advanced Sensing Technology

Message from the Guest Editors

The aim of this Special Issue is to showcase state-of-the-art results and to provide a cross-fertilization ground for stimulating discussions on the next steps in the area of 3D computer vision based on advanced sensing technology. We welcome contributions of novel work in 3D computer vision, as well as its applications in different areas. Papers are solicited on, but are not limited to, the following and related topics: (1) New 3D sensors and technologies for computer vison; (2) 3D modelling and scene reconstruction (3) 3D object detection, recognition and classification (4) 3D object estimation and tracking (5) 3D scene understanding (6) Stereo vision and RGB-D image acquisition (7) 3D point cloud processing (8) Applications of RGB-D vision, e.g., robotics, augmented reality, and autonomous driving

Guest Editors

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Deadline for manuscript submissions

closed (1 August 2022)

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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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