Special Issue

Sensors and Computer Vision Techniques for 3D Object Modeling

Message from the Guest Editor

Perceiving and predicting the complex 3D structure of the dynamic world requires a combination of sophisticated geometric modeling, efficient learning abilities, as well as having the right 3D sensors and imaging devices. Today's research in robotics, computer vision, 3D sensing, and machine learning offers a plethora of fast algorithms, accurate 3D sensing capabilities, as well as powerful deep neural networks, which leverage the statistical properties of the moving 3D world. This Special Issue aims to bring together state-of-the-art research in all these directions for 3D learning, modeling, and prediction to establish a strong common foundation and create bridges towards next-generation models and methods.
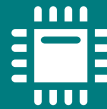
Guest Editor

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Deadline for manuscript submissions

closed (15 December 2020)

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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