

2nd Workshop on 3D Computer Vision and Photogrammetry



The 2nd Workshop on 3D Computer Vision and Photogrammetry will be held in Abu Dhabi, United Arab Emirates, in conjunction with the 31th IEEE International Conference on Image Processing (October 27-30, 2024).

About:

Photogrammetry and Computer Vision are two major fields with a significant overlap with Image Processing. We plan to invite presentations of high-quality works on topics that will include novel developments over classic Photogrammetric Computer Vision problems such as Structure from motion and SLAM, as well as papers with a focus on novel learning techniques over 3D geometric data. Topics of interest will include feature extraction, description and matching, multispectral and hyperspectral image processing and fusion, Multi-View Reconstruction and Surface Reconstruction, 3D point cloud analysis and processing, scene understanding, robot vision and perception, path and motion planning.

Topics of interest (including, but not limited to..)

- Structure from Motion
- Simultaneous Localization and Mapping
- Keypoint Detection, Description and Matching
- Multispectral Image Processing
- Hyperspectral Image processing
- Stereo and Multi-View Reconstruction
- Surface Reconstruction
- 3D point cloud analysis and processing
- Shape description
- Scene analysis and understanding
- Segmentation and classification
- Robot vision and perception
- Path and motion planning

Author guidelines:

Up to 4 pages of content, and 1 page including references only, following the main conference template

Accepted papers will be published in the IEEE ICIP proceedings through IEEE Xplore.

Main conference website:
<https://2024.ieeeicip.org/>

Workshop website: <https://3dcvp.uniwa.gr/>

Organizing Committee

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Important Dates

May 9th, 2024

Paper submission
deadline

June 6th, 2024

Paper acceptance
notification

June 19th, 2024

Submission of camera-
ready papers

July 11th, 2024

Author registration
deadline

