Workshop on 3D Computer Vision and Photogrammetry

30th ICIP 2023 Kuala Lumpur

The **Workshop on 3D Computer Vision and Photogrammetry will be held in Kuala Lumpur, Malaysia, in conjunction with the 30th IEEE International Conference on Image Processing (October 8-11, 2023).**

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://2023.ieeeicip.org/

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

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Important Dates

June 30th, 2023	July 30th, 2023	August 5th, 2023	August 12th, 2023
Paper submission deadline	Paper Acceptance Notification	Submission of Camera Ready Papers	Author Registration Deadline