

3DV 2019



International Conference on 3D Vision September 16-19, 2019, Québec City, Canada <http://2019.3DV.org>

Call for papers

We invite submissions for the 7th International Conference on 3D Vision, which will be held in Québec City, Canada, on September 16-19, 2019. Since 2013, 3DV has provided a premier platform for disseminating research results covering a broad variety of topics in the area of 3D research in computer vision and graphics, from novel optical sensors, signal processing, geometric modelling, representation and transmission, to visualisation and interaction, and a variety of applications. Topics of interest include, but are not limited to:

ACQUISITION

- Geometry
- Calibration
- Photometric stereo and shape from X
- Photogrammetry
- Structure from motion and SLAM
- Dense reconstruction and stereo
- Structured light and TOF sensors
- Computational photography

MODELLING

- Geometry processing
- Appearance modelling
- Registration and reconstruction
- Shape representation and features
- Generative and morphable models

ANALYSIS

- Shape recognition, retrieval, analysis
- Segmentation
- Motion analysis
- Tracking
- Body, face and gesture
- Medical

RENDERING AND INTERACTION

- Image-based rendering
- Applied perception
- Augmented and mixed reality
- Human-computer interaction

APPLICATIONS

- Robotics
- Cultural heritage
- Industrial
- Entertainment
- Digital fabrication
- Performance capture

Accepted papers will be published by Conference Publishing Services (CPS) and submitted to IEEE Xplore and CSDL. In addition to the main technical program, the conference will include tutorials and exhibits. Separate calls for these event will be published in due time.

For more information please visit: 2019.3DV.org

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IMPORTANT DATES

Paper Submission
June 10, 2019

Decision Notification
July 29, 2019

Final Version Due
August 16, 2019

HOST:  UNIVERSITÉ
LAVAL