

3DV 2022

International Conference on 3D Vision
Prague, Czechia
September 12-16, 2022



Call for Papers

We invite submissions to the 10th International Conference on 3D Vision (3DV 2022), which will be held in Prague, Czech Republic, on September 12-16, 2022. Since 2013, under the name 3DV, this event has provided a platform for disseminating research results covering a broad variety of topics in the area of 3D computer vision and graphics, from novel optical sensors, signal processing, geometric modeling, representation and transmission, to visualization, analysis, interaction, and a variety of applications. 3DV 2022 will showcase high quality single-track oral and poster presentations and demonstration sessions. It will also feature industrial exhibitions held in conjunction with the main conference. Proposals for Workshops and Tutorials are also invited. Topics of interest include, but are not limited to:

ACQUISITION

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

MODELLING

- Shape representation and features
- Geometry processing
- Appearance modelling
- Registration
- 4D dynamic shape
- Generative and morphable models
- 3D motion modelling
- High-level representation of 3D data

ANALYSIS

- Shape recognition and analysis
- Segmentation
- Motion and tracking
- Body, face and gesture
- CAD data analysis
- Dataset and benchmarking

RENDERING AND INTERACTION

- Neural rendering
- Image-based rendering
- Applied perception
- Augmented and mixed reality
- Human-computer interaction
- Textured 3D scan completion

APPLICATIONS

- Robotics
- Cultural heritage
- Industrial
- Space
- Medical
- Entertainment
- Digital fabrication
- Sports
- Biology

General Chairs

Zuzana Kukelova
Tomas Pajdla
Torsten Sattler
Czech Technical University

Program Chairs

Angela Dai
Technical University of Munich
Jana Kosecka,
George Mason University
Gim Hee Lee
National University of Singapore
Konrad Schindler
ETH Zurich

Important dates

Paper registration: May 26, 2022
Paper submission: June 2, 2022
Supplementary: June 9, 2022
Rebuttal period: July 8-14, 2022
Paper notification: July 31, 2022
Camera ready: August 14, 2022
Conference: September 12-16, 2022

For more information please visit: <https://3dvconf.github.io/>