

# 3DV 2020

International Conference on 3D Vision  
Kyushu University, Fukuoka, Japan  
November 25-28, 2020



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## Call for Papers

The 8th international conference on 3D Vision will be held in Fukuoka, Japan, November 25-28, 2020. Since 2013, under the name 3DV, this event 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 visualization and interaction, and a variety of applications. 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

### ANALYSIS

- Shape recognition and analysis
- Segmentation
- Motion and tracking
- Body, face and gesture
- Deep and machine learning
- Dataset and benchmarking

### RENDERING AND INTERACTION

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

### APPLICATIONS

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

3DV 2020 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 Tutorials and Demos are also invited.

Accepted papers will be published by Conference Publishing Services (CPS) and submitted to IEEE Xplore and CSDL.

For more information please visit: <http://www.3dv.org>

### General Chair

Akihiro Sugimoto

### Program Chairs

Adrian Hilton  
Zuzana Kukelova  
Stephen Lin  
Jun Sato

### Tutorial Chairs

Yasutaka Furukawa  
Boxin Shi

### Demo/Exhibition Chairs

Hideo Saito  
Hideaki Uchiyama

### Publication Chair

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### Finance Chair

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### Local Chairs

Hiroshi Kawasaki  
Diego Thomas

### Publicity Chairs

Robert B. Fisher  
Shohei Nobuhara  
Tony Tung

### Web/SNS Chairs

Ken Sakurada  
Satoshi Ikehata

### Important dates

Paper registration: July 24, 2020  
Paper submission: July 31, 2020  
Supplementary: August 7, 2020  
Rebuttal period: September 16-21, 2020  
Paper notification: October 1, 2020  
Camera ready: October 15, 2020