



3DV 2013

3DV 2013: Third Joint 3DIM/3DPVT Conference

June 29 - July 1, 2013 @ University of Washington, Seattle, USA

CALL FOR PAPERS

The interest in acquiring and creating 3D representations of the world is ever increasing. In 2011, 3DIM and 3DPVT joined forces to create a new yearly conference dedicated to 3D research, originally known as 3DIMPVT for 2011 and 2012. Now under the name **3DV**, this event provides 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 modeling, representation and transmission, to visualization and interaction, and a variety of applications.

Topics of interest include, but are not limited to:

ACQUISITION & MODELING

- 3D cameras and sensors
- Real-time 3D systems
- Automated view planning
- 3D sensor calibration
- Image-based modeling
- Shape-from-X
- Shape and appearance modeling
- 4D capture

INTERACTION & VISUALIZATION

- Image and video-based rendering
- Interactive modeling
- Augmented and mixed reality
- 3D printing and rapid prototyping
- Psychophysics of 3D sensing

PROCESSING & TRANSMISSION

- Geometric signal processing
- Multi-resolution 3D representations
- 3D shape retrieval and recognition
- Shape analysis and morphology
- 3D compression and transmission

APPLICATIONS

- Reverse engineering
- Dimensional inspection & metrology
- Cultural heritage & architecture
- Medical visualization and analysis
- Urban modeling
- Robotics
- 3D television
- 3D tele-immersion
- Forensics and security

An International Program Committee will review the papers. The conference will be held in Seattle, USA. Accepted papers will be presented in single-track oral and poster sessions; proceedings will be published by Conference Publishing Services (CPS) and submitted to IEEE Xplore and CSDL.

For more information: www.3dimpvt.org
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Organizing Committee

General Chair

Brian Curless
University of Washington

Program Co-Chairs

Yasutaka Furukawa
Google Inc.

Ioannis Stamos
City University of New York

Camillo J. Taylor
University of Pennsylvania

Important Dates

Paper submission:

March 19, 2013

(exceptions for SIGGRAPH submissions - please see web site for more details)

Notification:

May 1, 2013

(subject to change)

Camera-ready:

May 20, 2013

(subject to change)