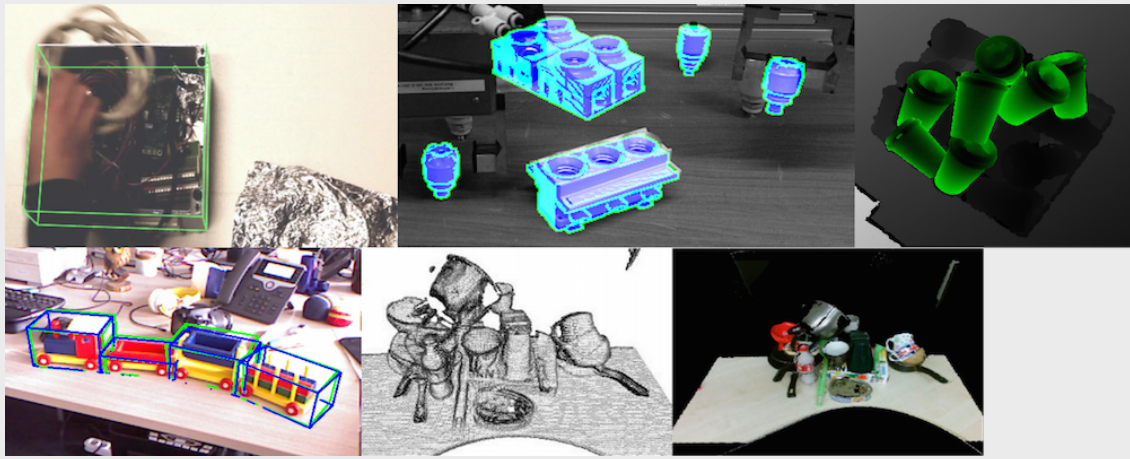


2nd International Workshop on Recovering 6D Object Pose



In conjunction with ECCV 2016
October, 2016, Amsterdam, Netherlands

Description and Scope

The development of RGB-D sensors, high GPU computing, and scalable machine learning algorithms have opened the door to a whole new range of technologies and applications which require detecting and estimating object poses in 3D environments for a variety of scenarios.

Our program will feature several high-quality invited talks, poster presentations, and a panel discussion to identify key research questions and highlight future research directions.

Call for papers and extended abstracts

We invite submissions of new papers and extended abstracts of already published work. Accepted papers and abstracts will be **presented as orals/posters/spotlights** at the workshop, in areas including, but not limited to:

- 3D object detection
- Object detection in depth images
- Joint registration of multiple 3D objects
- 6 DoF object pose, under heavy occlusions and background clutters
- Occlusion-aware segmentation
- Bin-picking
- 3D object tracking
- Surface representation and fitting
- Non-rigid (deformable or articulated) object registration
- 3D object modelling
- Multiple object instance detection
- Object class (category) detection

Call for participation in the challenges

We also invite authors to submit results to our challenges. Such results will be presented at the workshop and likely cited in later work.

For more information please visit:

<http://www.iis.ee.ic.ac.uk/ComputerVision/R6D.html>

Organizers

Tae-Kyun Kim, *Imperial College London, UK*
Jiri Matas, *Czech Technical University, CZ*
Vincent Lepetit, *Technical University Graz, AT*
Carsten Rother, *Technical University Dresden, DE*
Ales Leonardis, *University of Birmingham, UK*
Krzysztof Wallas, *Poznan University of Technology, PL*
Carsten Steger, *MVTec, GmbH, DE*
Rigas Kouskouridas, *Imperial College London, UK*

Challenge Chairs

Frank Michel, *Technical University Dresden, DE*
Alexander Krull, *Technical University Dresden, DE*
Andreas Doumanoglou, *Imperial College London, UK*
Tomas Hodan, *Czech Technical University, CZ*
Alberto Crivellaro, *EPFL, CH*

Keynote Speakers (more to come)

Tinne Tuytelaars, *KU Leuven, BE*
Carsten Steger, *MVTec GmbH, DE*
Silvio Savarese, *Stanford, USA*
Jianxiong Xiao, *Princeton, USA*

Important Dates

Paper deadline:	11 July
Notification of acceptance:	1 Aug
Camera ready:	8 Aug
Ext. abstract deadline:	8 Aug
Challenge deadline:	5 Sep
Workshop:	Oct

Contact

r6d.workshop@gmail.com