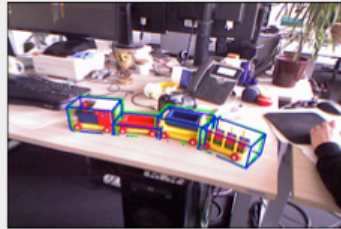
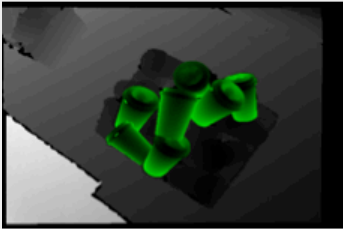
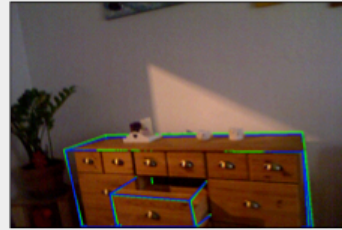


1st International Workshop on Recovering 6D Object Pose



In conjunction with ICCV 2015
December 17, 2015, Santiago, Chile

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 extended abstracts (2 pages)

We invite submissions of extended abstracts of ongoing or already published work. Accepted abstracts will be **presented as 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/3DPose-2015.html>

Organizers

Tae-Kyun Kim, ICL, UK
Vincent Lepetit, TU Graz, AT
Carsten Rother, TU Dresden, DE
Jiri Matas, Czech Technical University, CZ
Ales Leonardis, University of Birmingham, UK
Rigas Kouskouridas, ICL, UK

Challenge Chairs

Andreas Doumanoglou, ICL, UK
Alexander Krull, TU Dresden, DE
Frank Michel, TU Dresden, DE

Invited Speakers

Silvio Savarese, Stanford, USA
Justus Piater, UIBK, AT
Shahram Izadi, Microsoft Research, USA
Richard Newcombe, UW, Oculus Research USA
Jiri Matas, Czech Technical University, CZ
Carsten Rother, TU Dresden, DE
Vincent Lepetit, TU Graz, AT
Tae-Kyun Kim, ICL, UK
(more speakers to come)

Important Dates

Submission deadline:	15 Nov
Challenge deadline:	15 Nov
Workshop:	17 Dec

**If you want your information to be included in the ICCV program, the deadline is strict 15 October*

Contact

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