3dRR-11

ICCV '11 Workshop on

3D Representation and Recognition (3dRR11)

November 7th, 2011

-Program-

9:20 - 9:40	Opening: **Silvio Savarese (University of Michigan)**
9:40 – 10:20	Keynote speaker: **Andrew Fitzgibbon (Microsoft Research)**
10:20 - 11:40	Coffee break
10:40 – 11:40	Oral session I – Modeling Object Shape and Pose Chair: Derek Hoiem • **A Hypothesize-and-Bound Algorithm for Simultaneous Object Classification, Pose Estimation and 3D Reconstruction from a Single 2D Image**, *Diego Rother and Rene Vidal* • **Revisiting 3D Geometric Models for Accurate Object Shape and Pose**, *Muhammad Zeeshan Zia, Michael Stark, Bernt Schiele, and Konrad Schindler* • **Scale-Space Representation of Scalar Functions on 2D Manifolds**, *Andrei Zaharescu, Edmond Boyer, and Radu Horaud*
11:40 – 12:20	Keynote speaker: **Martial Hebert (CMU)**
12:20 – 13:20	Oral session II – 3D Features for Recognition Chair: Silvio Savarese • **Indoor Scene Segmentation using a Structured Light Sensor**, *Nathan Silberman and Rob Fergus* • **Scale and Rotation Invariant Color Features for Weakly-Supervised Object Learning in 3D Space**, *Asako Kanezaki, Tatsuya Harada, and Yasuo Kuniyoshi* • **CAD-Model Recognition and 6 DOF Pose**

	Estimation Using 3D Cues, *Aitor Aldoma, Nico Blodow, David Gossow, Suat Gedikli, Radu Rusu, Markus Vincze, and Gary Bradski*
13:20-14:50	Lunch Break
14:50 – 15:30	Keynote speaker: **Bernt Schiele (Max Planck Institut)**
15:30 – 16:10	Oral session III - Aligning and Reconstructing 3D Scenes Chair: Tinne Tuytelaars • **Automatic alignment of paintings and photographs depicting a 3D scene**, *Bryan Russell, Josef Sivic, Jean Ponce, and Hélène Dessales* • **Holistic 3D Reconstruction of Urban Structures from Low-rank Textures,** *Hossein Mobahi, Zihan Zhou, Allen Yang , and Yi Ma*
16:10 – 16:30	Coffee break
16:30 – 17:10	Panel Discussion: **Jitendra Malik (UC Berkeley), Aude Oliva (MIT), Abhinav Gupta (CMU), Martial Hebert (CMU), Bernt Schiele (Max Planck Institut), Andrew Fitzgibbon (Microsoft Research)**
17:10– 18:10	Oral session IV – Parts Models and Multi-View Recognition Chair: Silvio Savarese • **A Compositional Approach to Learning Part-based Models of Objects**, *Roozbeh Mottaghi, Ananth Ranganathan, and Alan Yuille* • **Trainable 3D Recognition Using Stereo Matching**, *Carlos Castillo and David Jacobs* • **Projectable Classifiers for Multi-View Object Class Recognition**, *Oscar Danielsson and Stefan Carlsson*
18:10 – 18:20	**Prize presentation –Sponsored by Microsoft Research.**
18:20 – 18:25	Conclusions: Silvio Savarese, Derek Hoiem and Tinne Tuytelaars

Note: the schedule is subject to minor changes