BMVA Symposium: Analysis and Processing of RGBD Data

Weds 1st March 2017, BCS London

Chairs: Paul Rosin & Yukun Lai,
Cardiff University

Programme
9:20 intro
9:30 **keynote 1: Prof. Ling Shao,**
University of East Anglia - Feature Learning
from RGB-D Data
10:10 Recent Advances in RGB-D Hole Filling, **Amir Atapour-Abarghouei**, Durham University
10:30 Superpixel Finite Element Segmentation for RGB-D Images **Dermot Kerr**, Uster University
10:50 **coffee**
11:10 Comparing RGBD Encodings for Off-Road Scene Classification by Convolutional Neural Network, **Chris Holder**, Durham University; A*STAR Institute for Infocomm Research
11:30 Real-time Large-Scale Dense 3D Reconstruction with Loop Closure, **Victor Adrian Prisacariu**, University of Oxford
11:50 Robust RGBD SLAM, **Shuda Li**, University of Bristol
12:10 **lunch**
13:00 **keynote 2**: **Dr. Dima Damen**, University of Bristol - Challenges and Opportunities for Action and Activity Recognition using RGBD Data;
13:40 Reconstructing Occluded Scene Regions from RGBD through Human Motion Analysis, **Sam Fowler**, University of Surrey
14:00 Pose Guided RGBD Feat. Learning for 3D Object Pose Estimation, **Vassileios Balntas**, Imperial
14:20 Hybrid Real Time Hand Pose Estimation, **Philip Krejov,** University of Surrey
14:40 **coffee**
15:00 **keynote 3: Prof. Adrian Hilton**, University of Surrey - 4D modelling of dynamic shape from RGBD Data
15:40 DS-KCF: A real-time tracker for RGB-D data, **Sion Hannuna**, University of Bristol
16:00 Human body scanning with RGBD cameras, **Yukun Lai**, Cardiff University
16:20 Human activity monitoring using RGBD sensors, **Lili Tao**, University of Bristol
16:40 Co-Fusion: Real-time Segmentation, Tracking and Fusion of Objects, **Martin Runz**, UCL
17:00 finish

Registration:
Book online at www.bmva.org/meetings
£10 for BMVA Members, £30 for Non Members, including lunch and BMVA Membership