

BMVA Symposium: 3D worlds from 2D images in humans and machines.

One Day BMVA symposium in London, UK
on Wednesday 29th January 2020

Chairs: Andrew Schofield, Aston University.
Richard Bowden, University of Surrey. Wendy
Adams University of Southampton.

www.bmva.com/meetings



Programme:

10:00 Registration and Coffee

10:30 - **Andrew Schofield**, Aston University, Welcome and Introduction

10:35 - **Wendy Adams**, University of Southampton, The Southampton & York Natural image Dataset

10:45 - **Keynote talk James Elder**, York University, Canada

11:30 - **Rebecca Lawson**, University of Liverpool, Size perception for real, 3D objects and for 2D images on a specified plane

11:50 - **Paul Linton**, City, University of London, Does Human Vision Triangulate Absolute Distance?

12:10 - **Brian Rogers**, University of Oxford, 3D worlds from 2D images: a mistaken conception

12:30 Lunch

13:30 - **Keynote talk Johannes Burge**, University of Pennsylvania

14:20 - **Dhanraj Vishwanath**, University of St Andrews, What constitutes the perception of pictorial depth?

14:40 - **Robert Black**, RealSpace, 'Paradoxical' Bi-Ocular Stereoscopia - 25 years on

15:00 – Coffee

15:20 **Keynote talk Lourdes Agapito**, University College London.

16:10 **Will Smith**, University of York, Self-supervised shape from shading and inverse rendering in the wild

16:30 **Oisín Mac Aodha**, University of Edinburgh, Digging into Monocular Depth Estimation

Registration: Book online at www.bmva.org

BMVA Members: £16, Non-Members: £36, (Both Inc Lunch)