

Robotics and Vision

One Day BMVA symposium at the British Computer Society, 5
Southampton Street, London, UK on 5th April 2006.

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Co-sponsored by: IEE, BARA, BCS, Imaging Faraday

Chair: Prof. John Illingworth (University of Surrey)

- 10.00 **Registration and coffee**
10.25 **Welcome and Introduction**
10.30 **Robot Vision – Vision or Robotics?**
Prof Henrik I Christensen, EURON coordinator, Stockholm
11.15 **Use of stereo vision in agricultural robotics.**
Dr Andrew Peacock and Dr Alan Green, IceRobotics
11.45 **A "hands-on" robotic surgery system for uni-condylar knee replacement surgery.**
Prof Brian Davies, Imperial College

12.15 **Lunch**
13.30 **Using Scene Appearance in SLAM.**
Dr Paul Newman, University of Oxford.
14.00 **Active Vision for Robots and Wearables**
Dr Walterio Mayal-Cuevas, University of Bristol.
14.30 **Visual SLAM for the Humanoid Robot HRP-2**
Dr Andrew Davison, Imperial College
15.00 **Tea**

15.20 **Inspection technologies for autonomous underwater vehicles: Concepts and sea trials**
Dr Jonathon Evans, Heriot-Watt University
15.50 **Reasoning for Visual Robotics.**
Dr Tim Guhl, Imperial College
16.20 **Closing remarks and finish**

REGISTRATION FORM: 5 April 2006 Meeting

Please return this form to Leanne Pring, Royston Parkin, 95 Queen Street, Sheffield, S1 1WG, Tel 0114 272 0306, Fax 0114 272 6158 or via email to BMVA@roystonparkin.co.uk. The meeting is free to members of the BMVA and co-sponsoring associations (IEE, BARA, BCS, Imaging Faraday Partnership) but a charge of £20 is payable by non-members. A sandwich lunch is available at a cost of £5 and should be booked in advance. When registering please enclose a cheque for the appropriate amount made payable to "The British Machine Vision Association".

NAME:

ADDRESS:

TEL:

email:

BMVA MEMBER: YES/NO

LUNCH: YES/NO

VEGETARIAN: YES/NO