

Image Features & Statistics

One-day BMVA-AVA symposium at the Royal Statistical Society,
12 Errol Street, London, UK on 27th October 2004.
www.bmva.ac.uk/meetings

Chairs: Dr. Lewis Griffin (King's College London) & Prof. Mark Georgeson (Aston Univ.).

- 10.00 Registration and coffee
- 10.25 Welcome and Introduction
- 10.30 **A modified hough transform approach for direction identification**
Fathi Hamed & Robert Aykroyd (Leeds University)
- 10.55 **Distinguishing close-up versus long-shots in a wildlife video database**
Carl Ek & N Campbell (KTH Sweden & Bristol University)
- 11.20 **Object tracking from elec. tomography using boundary element & markov chain MC methods**
Robert Aykroyd, Brian Cattle & Robert West (Leeds University)
- 11.45 **Alignment by feature divergence: an empirical study on clothing boundaries**
Gordon McAllister, TJ Roberts & SJ McKenna (Dundee University)
- 12.10 **Design of initial ontologies for mammography**
Da Qi, Ed Manley & Reyer Zwiggelaar (University of East Anglia)
- 12.35 Lunch
- 13.30 **A phase-like local symmetry measurement**
Matt Mellor & Mike Brady (Oxford University)
- 13.55 **Phase gradient features for texture analysis**
Nasir Rajpoot & Ronald Coifman (Warwick University)
- 14.20 **Statistics of gradient directions in natural images**
Alexandre Nasrallah & Lewis Griffin (King's College London)
- 14.45 **The role of natural image statistics in visual memory and recognition**
Ian van der Linde (Univ. Texas at Austin), U Rajashekar, LK Cormack & AC Bovik (Anglia Polytechnic Univ.)
- 15.10 Tea
- 15.40 **Bars & edges: a multi-scale gaussian derivative model for feature detection in human vision**
Mark Georgeson (Aston University)
- 16.05 **Affine invariant texton codebooks**
Abhir Bhalerao & Roland Wilson (Warwick University)
- 16.30 **A user-trainable classifier for low-level features**
Martin Owen, John Collomosse & Peter Hall (Bath University)
- 16.55 Closing remarks and finish

REGISTRATION FORM: 27th October 2004 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 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