**Image Features & Statistics**

One-day BMVA-AVA symposium at the Royal Statistical Society,
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 Ping, 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:** …………………………………………………………………………….. BMVA MEMBER: YES/NO
**email:** …………………………………………………………………………… LUNCH: YES/NO
**VEGETARIAN:** YES/NO