

Group Theory, Invariance & Symmetry in Vision

One Day BMVA symposium at the British Computer Society,
5 Southampton Street, London, WC2E 7HA, UK
on January 21st 2009.

<http://www.bmva.org/meetings>

Chair: Lewis Griffin (University College London)

- 10.00 Registration and coffee
10.25 Welcome and Introduction
10.30 **Diffeomorphic alignment of MRI scans**
John Ashburner (Functional Imaging Lab, UCL, UK)
11:00 **Paying attention to symmetry in man and machine**
Gert Kootstra (AI Institute, Groningen, Netherlands)
11.30 **Visual features from bispectral invariants**
Risi Kondor (Gatsby Institute, UCL, UK)
12.00 **Local image symmetry type: the missing link between filters and features**
Lewis Griffin (Computer Science, UCL, UK)
12.30 Lunch
13.30 **Group invariants in colour vision**
David Foster (Electrical & Electronic Engineering, Manchester, UK)
14.00 **Conical spaces: the geometry of non-negative signals such as colour spectra**
Reiner Lenz (Science & Technology, Linkoping, Sweden)
14.30 Tea and Coffee
15.15 **Discrete symmetries in statistical image analysis and beyond**
Alexey Koloydenko (Mathematics, Royal Holloway UoL, UK)
15:45 **Extending the SIFT image patch descriptor to 2nd order structure**
Martin Lillholm (Computer Science, UCL, UK)
16.15 Closing remarks and finish

REGISTRATION FORM: 21st January 2009 Meeting

Please return this form to BMVA Secretary, 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:
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TEL: BMVA MEMBER: YES/NO
email: LUNCH: YES/NO
..... VEGETARIAN: YES/NO