

Pattern Recognition and Machine Learning in Machine Vision

One Day BMVA symposium at the [Royal Statistical Society](http://www.royalsocietypublishing.org/RSO), 12
Errol Street, London, UK on 26th January 2005.
www.bmva.ac.uk/meetings

Chairs: Richard Harvey (U. of East Anglia) and Charles Taylor (U. of Leeds)

- 10.00 **Registration and coffee**
10.25 **Welcome and Introduction**
10.30 **Interactive image segmentation using support vector machines**
Hongying Meng, John Shawe-Taylor, Jason D.R. Farquhar & Sandor Szedmak (University of Southampton)
11.00 **Volume algorithm for extremely large scale linear programming boosting and ℓ_1 norm SVM problems**
Sandor Szedmak, John Shawe-Taylor, Jason D.R. Farquhar & Hongying Meng (University of Southampton)
11.30 **Learning feature extraction and classification simultaneously by means of co-evolutionary genetic programming**
Mark Roberts and Ela Claridge (University of Birmingham)
12.00 **Optimal feature extraction using multi-objective genetic programming**
Yang Zhang & Peter Rockett (University of Sheffield)
12.30 **Lunch**
13.30 **A whole brain morphometric classification and analysis of changes associated with pre-term birth**
C.E Thomasz, J.P.Boardman, D.L.G.Hill(*), J.V.Hajnall, A.D.Edwards, M.A.Rutherford, D.F.Gillies & D.Rueckert (Imperial College London & (*) Kings College London)
14.00 **Tracking animals in wildlife videos using face detection**
Tilo Burghardt, Janko Calic and Barry T. Thomas (University of Bristol)
14.30 **Learning layered pictorial structures from video**
M Pawan Kumar (Oxford Brookes University)
15.00 **Tea**
15.20 **Learning symbolic protocols from perceptual observations**
Chris Needham, Derek Magee, Paulo Santos, Vincent Devin, Anthony Cohn & David Hogg (University of Leeds)
15.50 **Learning temporal structure for task based control**
Kingsley Sage, Hilary Buxton (University of Sussex) and Antonis Argyros (Foundation for Researcha and Teaching Hellas)
16.20 **Visual categorization using geometry-based classifiers**
J.Williamowski, G.Csurka & C.Dance (Xerox Research Centre Europe, France)
16.50 **Closing remarks and finish**

REGISTRATION FORM: 26th January 2005 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