

# Reverse Engineering the Human Vision System: Biologically inspired Computer Vision Approaches

One Day BMVA symposium at the Royal Statistical Society, 12 Errol Street,  
London, UK on January 29<sup>th</sup> 2003.

[www.bmva.ac.uk/meetings](http://www.bmva.ac.uk/meetings)

**Chairperson:** Prof Maria Petrou

- 10:00 **Registration and coffee**
- 10:30 **Working With Irregularly Sampled Data,**  
Roberta Piroddi and Maria Petrou, CVSSP, University of Surrey.
- 11:00 **Image Sampling using a Self-organised Space-variant Retina,**  
Sumitha Balasuriya, Dept. Computing Sciences, University of Glasgow
- 11:30 **Pre-attentive Segmentation and Saliency Map in the Human Visual System,**  
Zhaoping Li Dept. Psychology, University College
- 12:00 **Human Vision – a Multi-layered Multi-functional system,**  
Aaron Sloman University of Birmingham
- 12:30 **Attention and Inattention during Visual Search,**  
Masud Husain Dept. Physiology, Imperial College
- 13:00 **Lunch**
- 14:00 **The Computation of Viewpoint-invariant and viewpoint-dependent Object Recognition,**  
Chris Atherton Dept. Psychology, University of Central Lancashire
- 14:30 **Hierarchal Selectivity for Object-based Visual Attention,**  
Bob Fisher and Yaoru Sun
- 15:00 **Biologically Inspired Motion Detection and Classification: Human Machine Perception,**  
Vijay Laxmi and R I Damper Dept. Electronics & Computer Science, Southampton
- 15:30 **Tea**
- 16:00 **Feature Classes in Spatial Vision,**  
Lewis Griffin King's College, London
- 16:30 **Wavelets in Biological Vision,**  
Anil Bharath Imperial College, London
- 17:00 **Closing remarks and finish**
- 

## **REGISTRATION FORM: 29 Jan 2003 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](mailto: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

This document was created with Win2PDF available at <http://www.daneprairie.com>.  
The unregistered version of Win2PDF is for evaluation or non-commercial use only.