

# Neural Computation: Advances in the State of the Art in Methods and Tools

One Day BMVA symposium at the [Royal Statistical Society](#), 12  
Errol Street, London, UK on 20<sup>th</sup> April 2005.

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

**Chairs:** Maria Petrou (Surrey University) and Erol Gelembe (Imperial College)

- 10.00 **Registration and coffee**
- 10.25 **Welcome and Introduction**
- 10.30 **The AURA neural network technology**  
Jim Austin (York University)
- 11.00 **Artificial Neural Networks and Support Vector Machine Classification of Multichannel Images with Communication Impairments**  
Andriy Kurekin, David Marshall, Darren Radford, Kenneth Lever (University of Cardiff) and Alexander Dolia (University of Southampton)
- 11.30 **The random neural network: the model and some of its applications**  
Varol Kaptan (Imperial College London)
- 12.00 **Ensemble MLP Classifier Design**  
T Windeatt (University of Surrey)
- 12.30 **Lunch**
- 13.30 **The Perspex Machine tutorial**  
J Anderson (University of Reading)
- 14.00 **The use of random neural networks to control routing in networks: the CPN experience**  
R Lent (Imperial College London)
- 14.30 **Saliency in vision: neural modelling of V1 region of the visual cortex**  
Z Li (UCL)
- 15.00 **A biologically inspired self-organising neural network for modelling market dynamics**  
M Petrou and D Thilakawardana (University of Surrey)
- 15.30 **Tea and Close**

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## **REGISTRATION FORM: 20<sup>th</sup> April 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](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: .....

email: .....

BMVA MEMBER: YES/NO

LUNCH: YES/NO

VEGETARIAN: YES/NO