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


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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 Doria (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

REGISTRATION FORM: 20th 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. 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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email: …………………………………… LUNCH: YES/NO
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