Probabilistic Models in Vision and Signal Processing


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Chairperson: Richard Bowden (Brunel University)
Charles C Taylor (University of Leeds)

10:30 Registration and coffee
10:55 Introduction and welcome
11:00 Bayesian Analysis for Data Fusion of Disparate Imaging Systems for Surveillance Purposes, G Jones, R Allsop, J Gilby, N Sumpter (SIRA/UCL/IRISYS)
11:30 Improved Audio Feature Extraction, Manuel Davy, Patrick Wolfe (Cambridge University)
12:00 Target detection and Tracking in Image Sequences Using the Competitive Attentional Tracker, Malcolm Strens, Ian Gregory (CRMV, DERA)
12:30 Generative-Model-Based Tracking of Clusters and Contours, Arthur Pece (University of Copenhagen)
13:00 Lunch
14:00 A Robust Adaptive Visual System for Multi-Target Tracking, Pakorn Kaewtrakulpong, Richard Bowden (Brunel University)
14:30 Growth Models for Shape Data, John T Kent (University of Leeds)
15:00 Practical Issues Regarding the Use of Bayes Theory for Automated Decision Making, Neil Thacker (University of Manchester)
15:30 Tea
15:45 Using Occlusions to Assist in Updating the State of an Articulated Body for Motion Capture, Maurice Ringer, Joan Lasenby (Cambridge University)
16:15 A Statistical Model for Human Motion Synthesis, Luis Molina Tanco, Adrian Hilton (University of Surrey)
16:45 Summary and discussion
16:50 Closing remarks and finish

REGISTRATION FORM: 9 May 2001 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. RSS members should register through the RSS at http://www.stams.strath.ac.uk/~alison/regform.html. A sandwich lunch is included for all those who book before May 1st. When registering please enclose a cheque for the appropriate amount made payable to "The British Machine Vision Association".

NAME: ………………………………………………………………………………….
ADDRESS: ……………………………………………………………………………………………………….
MAIL: …………………………………… BMVA MEMBER: YES/NO
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