



## 2nd IEEE International Workshop on Performance Evaluation of Tracking and Surveillance (PETS 2001)

### Preface

### Appearance-based Tracking

- Multi-Modal Tracking of Interacting Targets using Gaussian Approximations (J. H. Piater and J. L. Crowley, Laboratoire GAVIR-IMAG, INRIA Rhone-Alpes, France)
- Tracking of Non-Gaussian Clusters in the PETS2001 Image Sequences (A. E. C. Pece, Institute of Computer Science, University of Copenhagen, Denmark)
- People Tracking in Surveillance Applications (L. M. Fuentes and S. A. Velastin, Department of Electronic Engineering, King's College London, UK)
- Appearance Models for Occlusion Handling (A. Senior, A. Hampapur, Y-L. Tian, L. Brown, S. Pankanti and R. Bolle, IBM T.J. Watson Research Centre, NY, USA)

### People and Vehicle Tracking

- Object Detection and Tracking in an Open and Dynamic World (T. Ellis and M. Xu, Department of Electrical, Electronic and Information Engineering, City University, UK)
- Real-Time Tracking of Pedestrians and Vehicles (N. T. Siebel and S. J. Maybank, Computational Vision Group, Department of Computer Science, The University of Reading, UK)
- Tracking and Classifying Moving Objects from Video (Q. Zhou and J. K. Aggarwal, Computer and Vision Research Centre, Department of Electrical and Computer Engineering, The University of Texas at Austin, USA)
- Tracking Persons and Vehicles in Outdoor Image Sequences using Temporal Spatio-Velocity Transform (K. Sato and J. K. Aggarwal, Computer and Vision Research Centre, Department of Electrical and Computer Engineering, The University of Texas at Austin, USA)

### Multiview Tracking

- Multi Camera Image Tracking (J. Black and T. Ellis, Department of Electrical, Electronic and Information Engineering, City University, UK)
- Multiple Objects Colour-Based Tracking using Multiple Cameras in Complex Time-Varying Outdoor Scenes (L. Marcenaro, F. Oberti and C. S. Regazzoni, DIBE - University of Genoa, Italy)
- Tracking in Uncalibrated Cameras with Overlapping Field of View (S. Khan, O. Javed and M. Shah, School of Electrical Engineering and Computer Science, University of Central Florida, USA)

