

## Papers

[F] = Feature Paper (20 min)

[ ] = Regular Paper (15 min)

### *Session A: Medical, BCI*

- [F] J P Helferty, A J Sherbondy, A P Kiraly, W E Higgins. System for Live Virtual-Endoscopic Guidance of Bronchoscopy
- [ ] D S Cheng, V D'Amato, V Murino. Wavelet-Based Processing of EEG Data for Brain-Computer Interfaces

### *Session B: Human Body Tracking, Motion Capture*

- [ ] C W Chu, I Cohen. Posture and Gesture Recognition Using 3D Body Shapes Decomposition
- [ ] A Agarwal, B Triggs. Monocular Human Motion Capture with a Mixture of Regressors
- [F] K S Huang, M M Trivedi. 3D Shape Context Based Gesture Analysis Integrated with Tracking Using Omni Video Array
- [ ] Z Feng, T-J Cham. Video-Based Human Action Classification with Ambiguous Correspondences
- [ ] K Moon, V Pavlovic. Estimation of Human Figure Motion Using Robust Tracking of Articulated Layers

### *Session C: New Applications*

- [F] W Liao, W Zhang, Z Zhu, Q Ji. A Real-Time Human Stress Monitoring System Using Dynamic Bayesian Network
- [ ] J Hannuksela, P Sangi, J Heikkila. A Vision-Based Approach for Controlling User Interfaces of Mobile Devices

### *Session D: Hand Tracking*

- [F] N Stefanov, A Galata, R Hubbard. Real-Time Hand Tracking With Variable-Length Markov Models of Behaviour
- [F] A Erol, G Bebis, M Nicolescu, R D Boyle, X Twombly. A Review on Vision-Based Full DOF Hand Motion Estimation
- [ ] S Nayak, S Sarkar, B Loeding. Unsupervised Modeling of Signs Embedded in Continuous Sentences

### *Session E: Face and Eyes*

- [ ] M F Valstar, I Patras, M Pantic. Facial Action Unit Detection Using Probabilistic Actively Learned Support Vector Machines on Tracked Facial Point Data
- [ ] W-K Liao, I Cohen. Classifying Facial Gestures in Presence of Head Motion
- [ ] J Wang, L Yin. Detecting and Tracking Eyes Through Dynamic Terrain Feature Matching
- [F] D Li, D Winfield, D J Parkhurst. Starburst: A Hybrid Algorithm for Video-Based Eye Tracking Combining Feature-Based and Model-Based Approaches