

CVPR 2008 Workshop  
on  
**CVPR for Human Communicative Behaviour Analysis  
(CVPR4HB'08)**

**The Workshop Program**

- 09.00 – 09.15: Opening
- 09.15 – 10.00: **Key Note Talk: Jeffrey F. Cohn**  
‘Meaning is in the dynamics’
  
- 10.00 – 10.15: Coffee break
- 10.15 – 12.00: **Oral Session 1:** (per talk – 20 min presentation + 5 min discussion)
  - 1) D. Glowinski, N. Dael & G. Volpe  
Technique for automatic emotion recognition by body gesture analysis
  - 2) G. Zhao & M. Pietikäinen  
Principal appearance and motion from boosted spatiotemporal descriptors
  - 3) A. Oikonomopoulos, M. Pantic & I. Patras  
B-spline Polynomial Descriptors for Human Activity Recognition
  - 4) A. Yang, R. Jafari, S. Iyengar, P. Kuryloski, S. Sastry & R. Bajcsy  
Distributed Segmentation and Classification of Human Actions Using a Wearable Motion Sensor Network
  
- 12.00 – 12.45: **Key Note Talk: Aleix Martinez**  
‘How the Face and Hands Talk: Adventures in the modelling of sign languages’
  
- 12.45 – 14.15: Lunch break & Poster preparation
  
- 14.15 – 15.00: **Key Note Talk: Roddy Cowie**  
“The road to databases that support analysis of rich human behaviours”
  
- 15.00 – 15.45: **Poster Session** & Coffee break
  - 1) H. Cheng, C. Yang, F. Han & H. Sawhney  
HO2: A New Feature for Multi-Agent Event Detection and Recognition
  - 2) H.Hung, Y.Huang, C.Yeo & D.Gatica-Perez  
Associating Audio-Visual Activity Cues in a Dominance Estimation Framework
  - 3) S. Cherla, K. Kulkarni, A. Kale & V. Ramasubramanian  
Towards Fast, View Invariant Human Action Recognition
  - 4) C. Canton, C. Segura, M. Pardas, J.R. Casas & J. Hernando  
Multimodal Real-Time Focus of Attention Estimation in SmartRooms
  
- 15.45 – 17.30: **Oral Session 2:** (per talk – 20 min presentation + 5 min discussion)
  - 1) V. Athitsos, C. Neidle, S. Sclaroff, J. Nash, A. Stefan, Q. Yuan & A. Thangali  
The ASL Lexicon Video Dataset
  - 2) J. Whitehill, M. Bartlett & J. Movellan  
Automatic Facial Expression Recognition for Intelligent Tutoring Systems

- 3) Y. Horii, H. Kawashima & T. Matsuyama  
Speaker Detection using the Timing Structure of Lip Motion and Sound
- 4) H. Yamazoe, A. Utsumi, T. Yonezawa & S. Abe  
Remote and Head-Motion-Free Gaze Tracking for Real Environments with Automated Head-Eye Model Calibrations

- 17.30 – 18.30: **Panel discussion: Matthew Turk** (chair)  
(Panellists: Jeff Cohn, Roddy Cowie, Tom Huang, Aleix Martinez, and Maja Pantic)
- 18.30: Closing