

FGNet Workshop on Visual Observation of Deictic Gestures

In association with ICPR 04
Cambridge, UK - 22 August 2004

- 09:00** **Welcome, Presentation of the Pointing 04 Workshop**
James L. Crowley
- 09:15** **The Pointing 04 Data Sets**
Nicolas Gourier, Julien Letessier
- 09:30** **Session 1 Pointing with Faces**
A Two-level Pose Estimation Framework Using Majority Voting of Gabor Wavelets and Bunch Graph Analysis
Junwen Wu, Jens M. Pedersen, Pew Putthividhya, Daniel Norgaard and Mohan M. Trivedi
- 10:15** **Coffee**
- 10:45** **Estimating Head Pose with Neural Networks**
Rainer Stiefelhagen
- 11:15** **Facial Features Detection Robust to Pose, Illumination and Identity**
Nicolas Gourier, Daniela Hall and James L. Crowley
- 12:00** **LUNCH**
- 14:00** **Session 2 Pointing with Hands**
Pointing Gesture Visual Recognition for Large Display
Sebastien Carhini, Jean Emmanuel Viallet and Olivier Bernier
- 14:45** **Skin Colour Cue for Computer Vision (Invited Talk)**
Moritz Stoerring
- 15:30** **Coffee**
- 16:00** **Session 3 Recognizing Gestures**
Pointing and Command Gestures for Augmented Reality
Thomas B. Moeslund, Moritz Stoerring, and Erik Granum
- 16:45** **HMM and IOHMM for the Recognition of Mono- and Bi-Manual 3D Hand Gestures**
Agnès Just, Sébastien Marcel, Olivier Bernier, Jean-Emmanuel Viallet
- 17:30** **End of Workshop**