

***Reconstruction and Recognition***



**ICVSS 2008**

*Sicily ~ 14-19 July*

international computer vision summer school

## **Computer Vision for Gesture-Based Interaction**

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### **Abstract**

A single camera system will be presented that allows for gesture based interaction with a screen. The prototype integrates multiple vision components: face detection and recognition are used to customize the content and hand tracking is employed to move a screen pointer, allowing users to navigate image, video and 3D content.

Syllabus: *HCI systems, Face detection and recognition, Hand tracking*