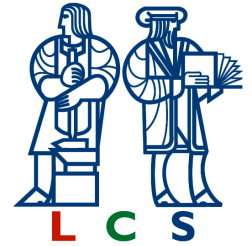**Paul Viola and Eric Grimson**

The BIG Picture:
User Selected Viewing of Sporting Events.

- show me that play from the viewpoint of the goalie

- … from the viewpoint of the ball

- … from a viewpoint along the sideline

- what offensive plays does Brazil run from this formation
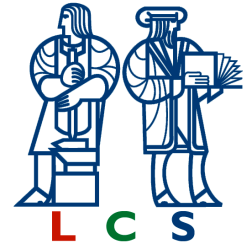
- how often has Italy had possession in the offensive zone

Progress Through June 2001

- Real time capture of actions using Visual Hull methods

- Recognition of individuals from motion information

Research Plan for the Next Six Months

- Refine the integration of Visual Hull methods with segmentation and calibration algorithms

- Explore tracking of articulated body models

- People Spotting & People Tracking

- Categorization of activities of people, both by coarse category and by refined comparison to previous, similar actions