• Tracking people accurately is an ongoing computer vision problem
• Possible applications in security as well as many other fields
• System can provide useful location and movement data
• Stereo cameras can detect object locations in 3-D space

The two cameras are fully calibrated, and the images are rectified.

A running average background is subtracted from each image, leaving just the foreground.

BRIEF feature matching detects point correspondences between the two images.

Points are triangulated and displayed in a top-down view.