

# All Seeing Eye – Track them!

## Description

The goal of this project is to develop a software for tracking pedestrian movement from video recordings.

## Tasks

- Study the idea of SIFT and CAMShift
- Develop a software in Java (Eclipse and SVN)
- Use and the computer vision toolkit OpenCV and its Java wrapper
- Create fitting video material in self-experiment
- Measure performance, capability and efficiency

## Project Characteristics

Modeling: ★☆☆☆☆

Mathematics: ★★★★★

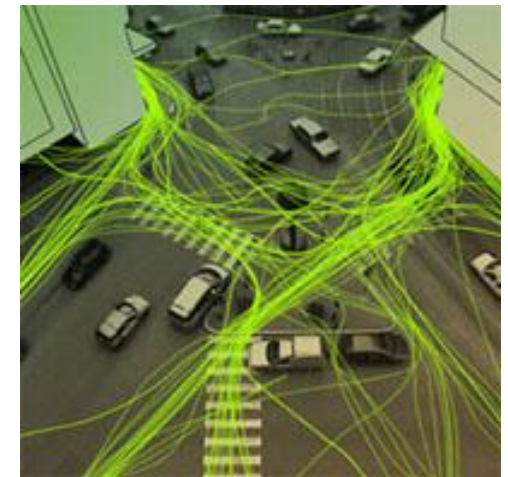
Programming: ★★★★★



<http://www.migmasys.com/images/pedesrian.jpg>



[http://docs.opencv.org/trunk/\\_images/sift\\_keypoints.jpg](http://docs.opencv.org/trunk/_images/sift_keypoints.jpg)



<http://infosthetics.com/archives/pedestrianlevitation.jpg>

# CAMShift Example

