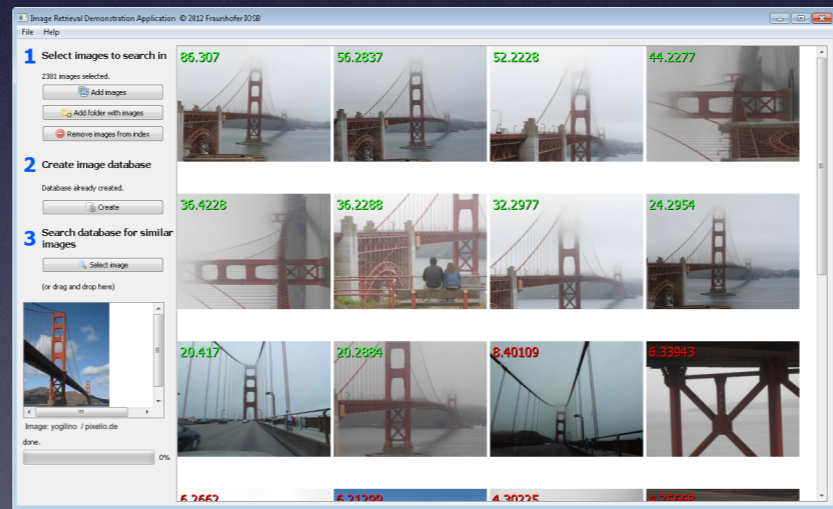
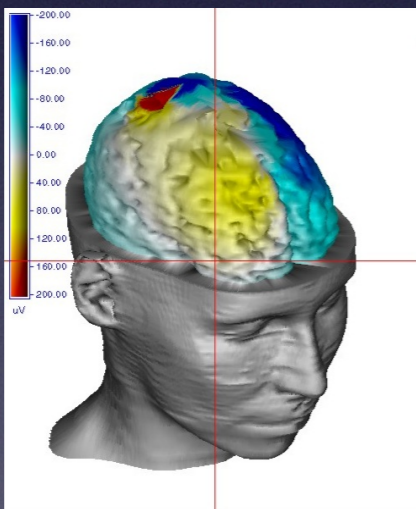
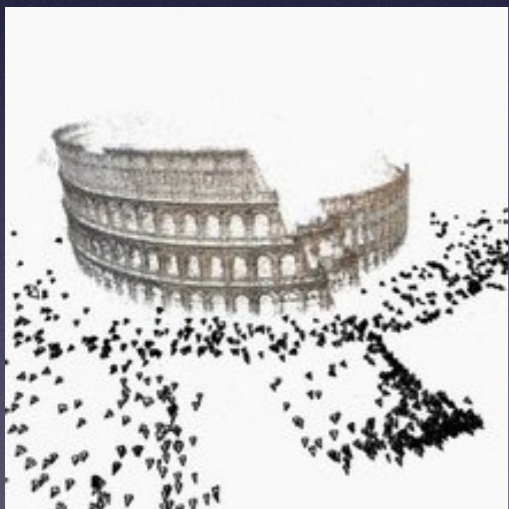
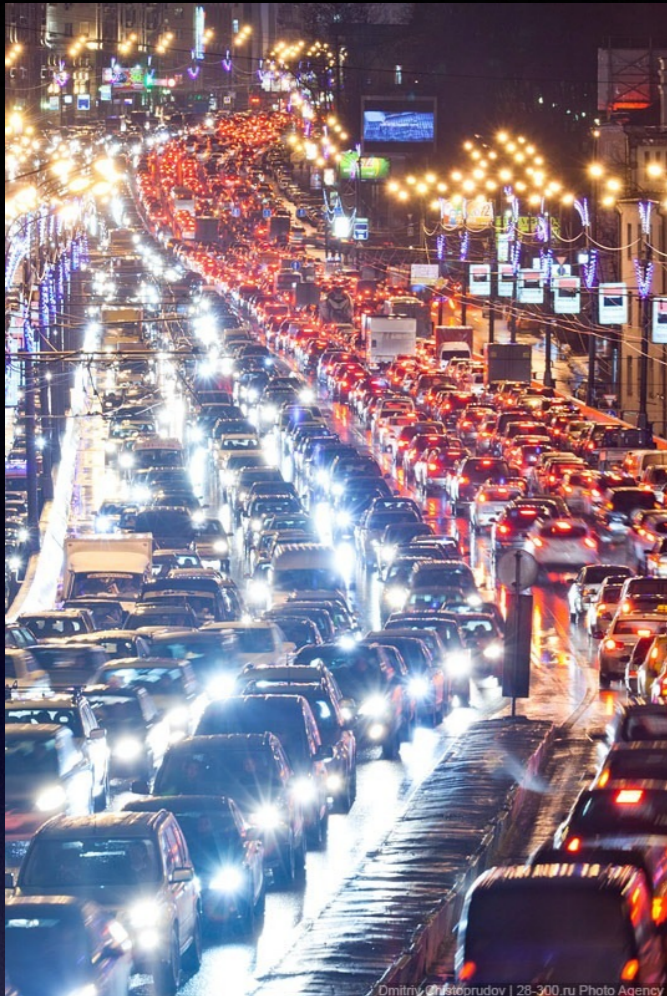


A Computer Vision Sampler

COMPSCI 527

Today:

- Course logistics
- Introduction to computer vision



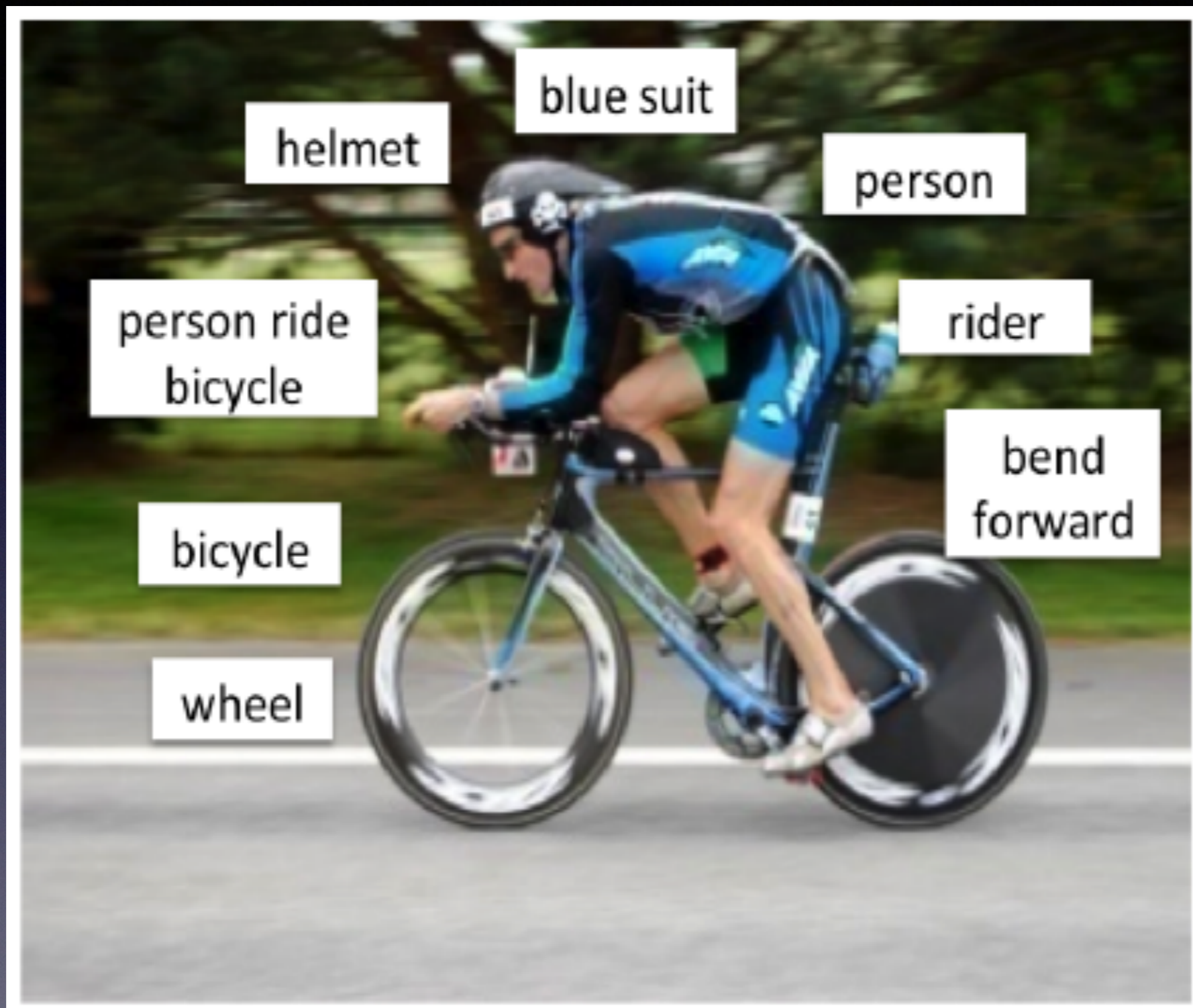




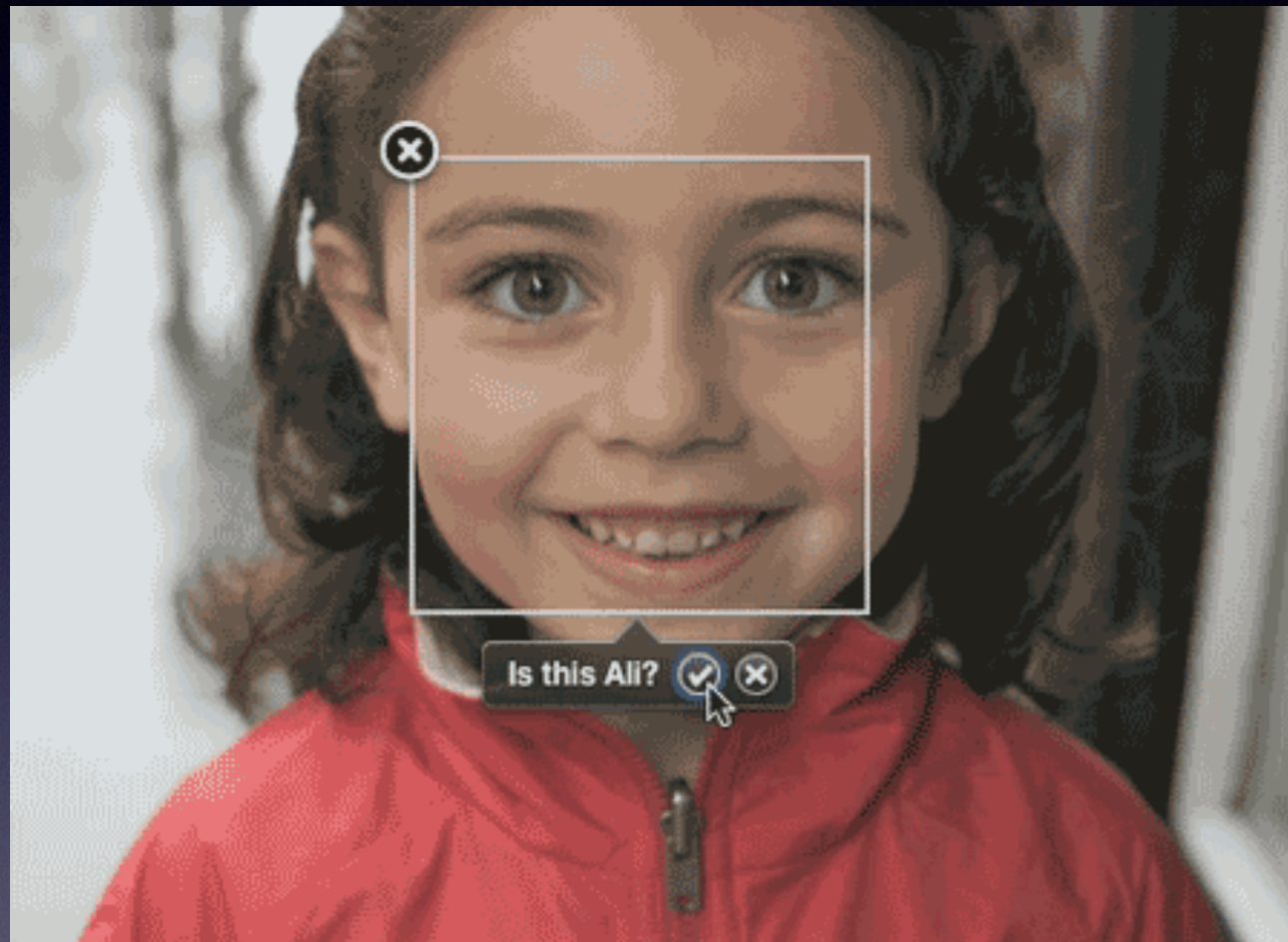








Tian Lan *et al* ICCV 2013



Apple Computers 2010

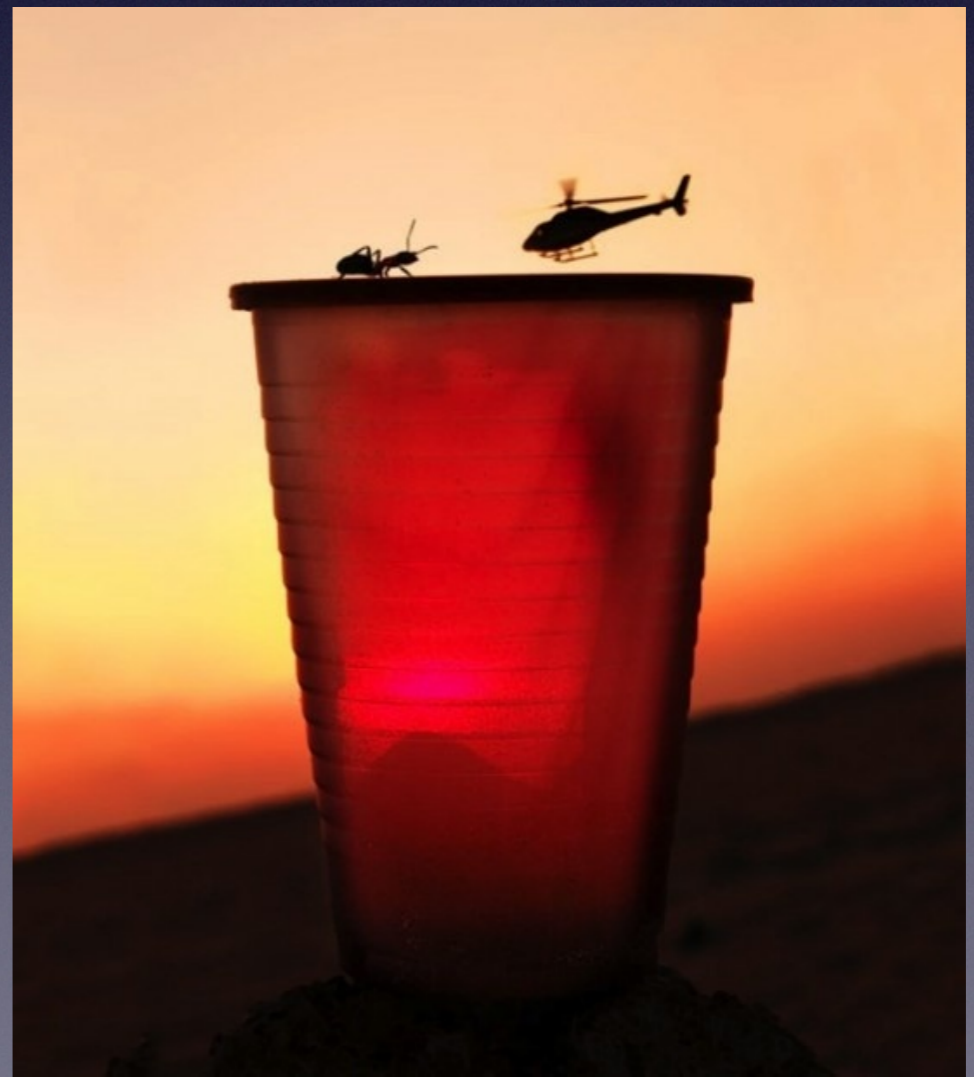






Photo by Robert Whitman

P I L
O B O
L U S



- Detect: Is there one or more instance of x in this image?
- Localize: Where are the instances?
- Segment: Where are the boundaries of each instance?
- Track: How is this instance moving from one image to the next?
- Recognize = classify: What is this?
- Reconstruct: Given two or more 2D images of a scene, compute a 3D model of it

