## ICVSS 2007 - International Computer Vision Summer School 2007



Detection, Recognition and Segmentation in Context



Sicily ~ 9-14 July 2007

## **Graph Cuts and Their use in Computer Vision**

Philip Torr Oxford Brookes University, UK

## **Abstract**

I will describe the basic idea and algorithms behind graph cuts, their relation to Markov Random Fields, and then explain applications in image and video segmentation, pose estimation, and 3D structure recovery.