

# “Sviluppo di Modelli Computazionali 3D”

## (3D Models Generation)

Laboratory 05 – 07/04/2017

### **Camera Calibration Exercise:**

1. Download the Camera Calibration Toolbox (CCT) from:
  1. [http://www.vision.caltech.edu/bouquetj/calib\\_doc/](http://www.vision.caltech.edu/bouquetj/calib_doc/)
2. Unzip the CCT in a folder
3. Open MATLAB
4. Add the folder in which CCT is to the path of MATLAB
5. Download and print the calibration checkboard from:
  1. [http://www.banterle.com/francesco/courses/2017/be\\_3drec/lab/calibration\\_checkboard.pdf](http://www.banterle.com/francesco/courses/2017/be_3drec/lab/calibration_checkboard.pdf)
6. Take several photographs (at least 7) of the checkboard from different view.
7. Run “calib” from MATLAB console and calibrate images.