Practical session: panorama construction

machine.

anyGetMouse, linSolve

right images. After a right button click, the program computes the homography and shows the resulting panorama in a new window.

Objective: the user clicks 4 or more corresponding points in left and

- ► Install Imagine++ (http://imagine.enpc.fr/~monasse/Imagine++/) on your
 - Let the user click the matching points.
 - ▶ Build the linear system to solve Ax = b and find x.
- ► Compute the bounding box of the panorama. ▶ Stitch the images: on overlapping area, take the average of

colors at corresponding pixels in both images. Useful Imagine++ types/functions: Matrix, Vector, Image,