

# Projects

# Algorithms implementation

- For the final exam is requested the implementation of one simple algorithm of computer vision in a standard computer language (java, c, c++), same examples:
  - Circle hough
  - Connected components
  - Binary Morphology: Erosion and dilation
  - But also other algorithms may be considered

# More complex problems

- The solution of a computer vision problem. In this case standard library or tools may be used (opencv, matlab, Image magick)
- Some examples:
  - Detection of vanishing point (and/of horizontal line)
  - Search path (such as the distance between two points, labyrinth solution)
  - Sudoku (recognize numbers in an image, not solve the game)

# Documentation

- For both the activity a relation is requested with the modality of use of the application
  - The program should be a command line script with optional parameters
  - If external package are used they should be present in the final version of the project.