

## **HOMEWORK DELIVERY:**

Submit a compressed file (or separate files within a personal directory) containing the items listed below to the Image Analysis and Computer Vision page on the WeBeep Platform, (Homework 2024-2025 page, Delivery folder) by **Sunday, January 26, 2025, 23 h 59, Milano local time**. Also, send a notification via e-mail to [vincenzo.caglioti@polimi.it](mailto:vincenzo.caglioti@polimi.it) within January 27, 2024, 09 h 00, Milano local time. The submission must include:

- the used input image
- the above image with extracted features (edges, corners, lines, ellipses)
- computed results (useful vanishing points, horizon line, rectification mapping, computed shape and size of the observed object rectified curve and coordinates of required points, calibration parameters, camera pose relative to the object, required plots)
- well written report including problem formulation, solutions to the theoretical questions, well-explained solution approach for the various steps, experimental results and their analysis
- commented Matlab code.

**ATTENTION:** Submission of multiple files in the Delivery folder is **NOT ALLOWED**: Please submit either a single compressed file or construct your own directory.

**REMEMBER:** Please notify the teacher about your submission by sending an e-mail to [vincenzo.caglioti@polimi.it](mailto:vincenzo.caglioti@polimi.it) within January 27, 2024, 09 h 00.

**IMPORTANT:** please **ATTACH** the **HOMEWORK REPORT** to your **notification mail** (ONLY the report should be attached).

**VERY IMPORTANT:** the Homework is **INDIVIDUAL**! Cooperation is not allowed, and Homeworks made in **COOPERATION** will not be considered.