Audio processing, Video processing and Computer Vision
Course 2022/23
Evaluation Criteria

Evaluation and Grades in the ordinary call:

The evaluation of the course in the ordinary call will be done based on two parts:

- Continuous assessment: Evaluation of Lab sessions (6 points).
- Final exam: individual exam (4 points).

Continuous Assessment (6 pts):

- Laboratories organized in 2 blocks: B1 Visual Information Processing, and B2 Audio and Speech Processing.
- *Block 1: Visual Information Processing*
    1. Lab 1: Introduction to Image Processing (not evaluable)
    2. Lab 2: Image Matching with local features (1 point)
    3. Lab 3: Image Segmentation (1 point)
    4. Lab 4: CNNs for image classification (1 point)
    5. Lab 5: Other applications of CNNs in images (1 point)
- *Block 2: Audio and Speech Processing*
    6. Lab 6: Audio Matching (1 point)
    7. Lab 7: RNNs for speech command recognition (1 point)
- Different types of evaluations may be considered along the course:
    1. System development and challenges (in pairs)
    2. Brief reports (in pairs).
    3. Tests through Aula Global (individual)
- Optional sections may be included for evaluation to increase grades

Final Exam (4 points):

- Final exam with theoretical-practical questions
- A minimum mark of 3.5/10 will be required to consider the continuous assessment in the final grade.

Extraordinary call:

In the extraordinary call (June), the final grade will be calculated as the best of the following 2 options:

1. Regular evaluation, considering both continuous assessment and final exam in the same proportions as in the ordinary call.
2. The grade of the final exam.