

# DEEP LEARNING FOR COMPUTER VISION

Summer Seminar UPC TelecomBCN, 4 - 8 July 2016



## Instructors



Xavier  
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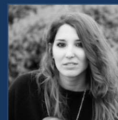
Elisa  
Sayrol



Amaia  
Salvador



Jordi  
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Eva  
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Kevin  
McGuinness

## Organizers



UNIVERSITAT POLITÈCNICA  
DE CATALUNYA  
BARCELONATECH



Barcelona  
Supercomputing  
Center  
Centro Nacional de Supercomputación



Dublin City University  
Ollscoil Chathair Bhaile Átha Cliath



Centre for Data Analytics



GPU  
CENTER OF  
EXCELLENCE

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+ info: [TelecomBCN.DeepLearning.Barcelona](http://TelecomBCN.DeepLearning.Barcelona)

Day 3

# Oral Presentation Instructions

# Oral session

- 12 minutes presentation + 5 minutes questions
- Each student must present one block. Instructors will decide which one each.



# Grading

|               | BSc | MSc             |
|---------------|-----|-----------------|
| Online Tests  | 60% | 30%             |
| Lab           | 30% | 30%             |
| Project       | -   | 30%             |
| Communication | -   | 10%             |
| Attendance    | 10% | -10% x miss day |

# Project Evaluation

- Not about performance but about discussion and understanding



# Communication skills

- Your presentation is addressed to:
  - your classmates
  - an external judge who is an expert on the topic
- ...so do not explain the problem from scratch !



# Communication skills

## DO

- Adapt your talk to the audience.
- Look at the audience.
- Talk aloud and clear.
- Use gestures to communicate
- Use slides to show graphical information

## DO NOT

- Look much at the screen.
- Do not play with your hair, belt, button...
- Sway
- Include much text.
- Drink much coffee.
- Talk longer than allowed !!!

# Front page

- Names of all student members.
- URL for the GitHub project page.
  - Consider adding links to your LinkedIn or personal page if you want recruiters to find you.



# Task 1: Architecture



# Task 1: +Resources

- Software framework
- Hardware used



Caffe



# Task 2: Training

# Task 3: Visualization

# Task 4: Transfer learning

# Task 5: Open project

# References

Provide links to any resource you used in terms of:

- Papers
- Software
- Blogs...