

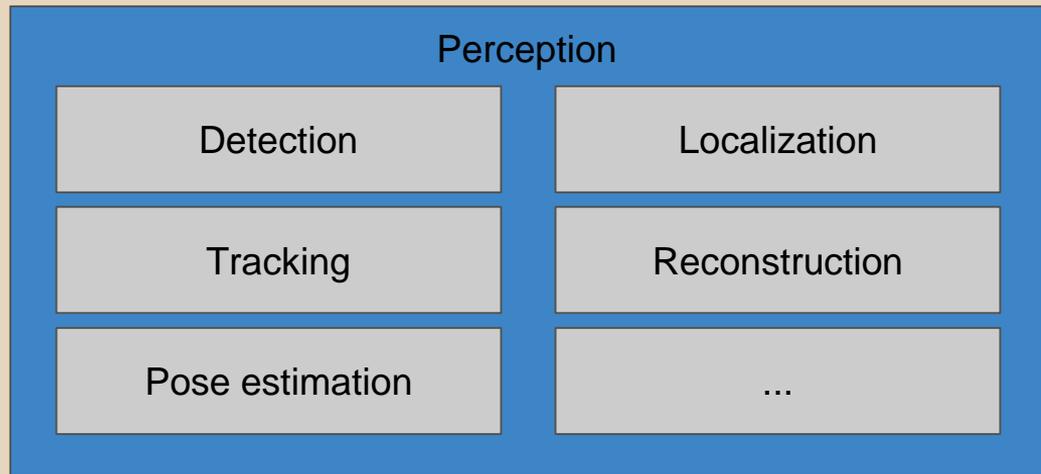
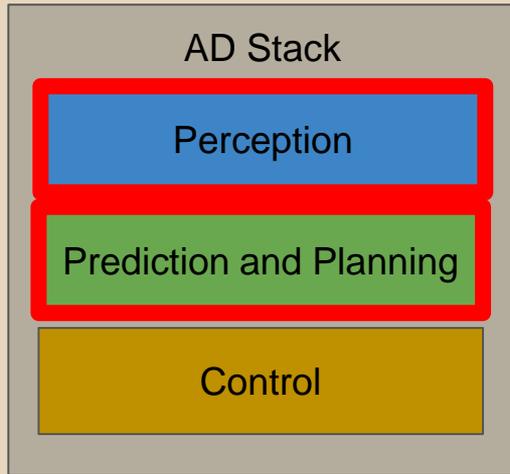
# Computer Vision and Deep Learning for Autonomous Driving (CVDLAD)

**Introductory meeting - Winter semester 2019/20**

PD Federico Tombari, Prof. Nassir Navab,  
Tutors: Nikolas Brasch, Helisa Dhamo, Shun-Cheng Wu,  
Yida Wang, Yanyan Li

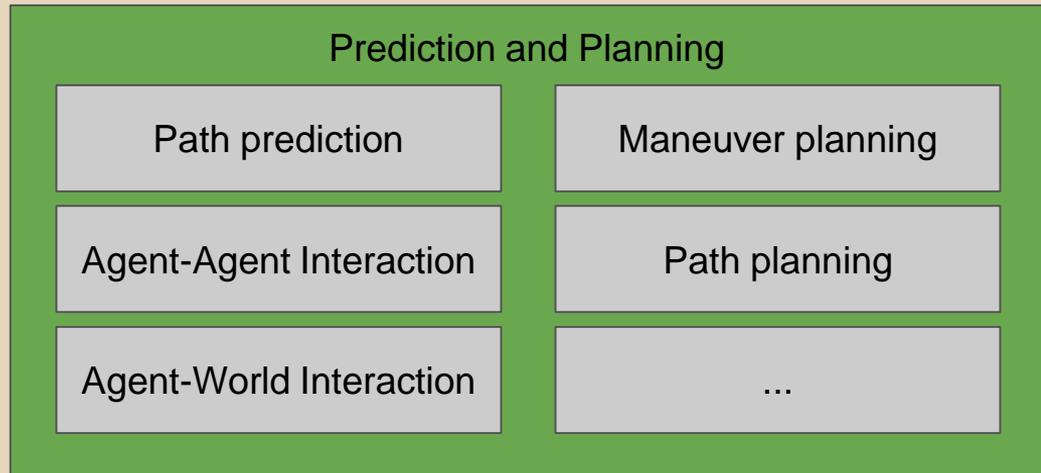
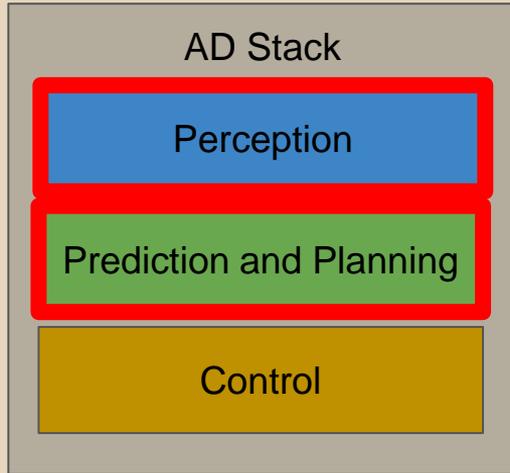
# Seminar contents

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# Goals

- You are going to learn:
  - about relevant works in the field of Computer Vision and Deep Learning
  - What are the current challenges in Autonomous Driving
  - How to read and understand a scientific article
  - How to give a talk to an audience, and deal with related questions afterwards
  - How to condense a scientific topic into a short and precise article for a broad audience

# Seminar Schedule

- 4 sessions (likely on Friday) + 1 introductory lecture
- 3 presentations per session (30 min each) + 1 external talk from an industry expert
- Seminarraum 03.13.010
  
- Paper assignments:
  - selected students can express up to 3 preferences
  - We will then match them to a paper and tutor trying to maximize global happiness

# Presentation

- Each presentation is 15-20 minutes + 10 minutes for Q&A
- Slides templates (Powerpoints, Latex, ..) provided on website
  
- The presentation should cover all relevant aspects of the paper
  - Introduction and state of the art
  - Main contribution(s)
  - Experimental results
  - Discussion, summary and future work
- The presentation should be self-contained
- All students are expected to attend all presentations and interact during Q&A (this will influence your final mark)

# Blog article

- The blog article should summarize the paper in the way it has been presented during the talk, and provide the student's opinion concerning the main contributions and impact
- Language: English
- Once ready, send the article to supervisor, within **two weeks** from the day of the presentation

# Evaluation criteria

- Quality of presentation (both regarding slides and speech)
- Quality of the blog article
- Comprehension of the scientific contents of the presented work
- Interaction and participation during the other talks