



# Current Trends in Deep Learning

Lecture

12.04.2018

Caner Hazirbas

Philip Häusser

# Intro to the Seminar

- Get an overview on current trends in DL
- Read and understand scientific publications
- Write a scientific report
- Prepare and give a talk

# Important Dates

- Preliminary Meeting: 26.01.2018
- Choose your paper until 18.04.2018
- Deadline for the report: TBA
- Dates for talks: TBA

# Preparation

- Do **NOT** work on the assigned/chosen paper alone
  - meet at least twice face-to-face with your advisor
- Recommended schedule:
  - meet your advisor
    - Discuss paper and later your slides before the talk
  - hand-in a draft of your report 1 week before the deadline to get feedback

# Hints for Your Talk

- 20 min. + 5–10 min. for discussion
- **Don't put too much text** on one slide
  - 1-2 min. per slide → **max. 20 slides**
- Recommended structure
  - no outline
  - introduction, problem motivation
  - method
  - experimental evaluation
  - discussion
  - summary of (scientific) contributions

# Report

- Send **PDF** via email to your advisor, LaTeX template is available on the course webpage
- Recommended length: 6-8 pages
- Required: minimum 6, maximum 8 pages (+ references)
- Language: English

# Evaluation Criteria

- Gained expertise on the topic
- Quality of your talk
- Quality of your report
- Active participation is **required** (interaction with the speaker)

# Regular Attendance

- Attendance is mandatory
- In case of absence: medical attest



# How to find a paper?

- IEEE Xplore, Springer, Google Scholar
- <http://openaccess.thecvf.com/>
- <https://arxiv.org/list/cs.CV/recent>
- Papers must be published at ICCV17, CVPR17-18, ECCV16
- Add the bookmark to access IEEE publications:  
`javascript:void(location.href='https://  
eaccess.ub.tum.de/login?url='+location.href)`

# How to find a paper?

- Find most interesting 3 papers
- Put your preferences **in order** on the form, provided on the course webpage.
- Assignments will be on the course webpage on 19.04.2018

**Enjoy!**