Current Trends in Deep Learning

Lecture
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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
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
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 \textit{in order} on the form, provided on the course webpage.
- Assignments will be on the course webpage on 19.04.2018
Enjoy!