



CS310 Project- Paper Presentation

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Objectives

- ▶ Before knowing how to write papers, you need to learn from reading papers.
- ▶ Understand how the techniques are developed.
- ▶ Learn how to do literature review.
- ▶ Practice presentation skills.



Speech conferences

- ▶ There are two top conferences in speech:
 - ICASSP (The international Conference on Acoustics, Speech, & Signal Processing)
 - Interspeech
- ▶ The most recent one is Interspeech2020
 - https://www.isca-speech.org/archive/Interspeech_2020/



NLP conferences

- ▶ There are several top conferences in NLP, ACL (Association for Computational Linguistics) is one of them
- ▶ The most recent one is ACL2020
 - <https://www.aclweb.org/anthology/events/acl-2020/#2020-acl-main>
- ▶ You have to pick a paper from these conferences and present its content.



Presentation

- ▶ You will have to give a 6–7 mins presentation with your slides.
- ▶ Probably 8–10 slides will be good
- ▶ Slides should be related, one page lead to another
- ▶ Let the others learn something from you.



What you need to present?

- ▶ The paper title and your name
- ▶ Background
 - The task that they are working on.
 - E.g. speech recognition, speaker verification, keyword spotting
 - E.g. translation, question answering, chatbot
- ▶ Motivation
 - What problem the paper is trying to solve?
 - Understand and describe the problem
- ▶ Method
 - How they solve the problem?

This should be the key deciding whether the paper will be accepted.



Tips for preparing your PPT

- ▶ 1. First, you need to understand your audience. If they are with speech background like you, you can skip a lot of background knowledge. If they are people not in your field, then you should spend more time in presenting the background knowledge.
- ▶ 2. Don't put too much content on the same slide. Highlight 1 – 2 points on each slide. Never put a whole paragraph on your slide. You are not writing paper.
- ▶ 3. Estimate the total time. Usually you should spend one minute on each slide. Thus, if you are given 15 minutes for presentation, you should prepare around 15 slides.



Tips for preparing your PPT

- ▶ 4. All the slides should be connected in content. Don't jump too far in content between slides.
- ▶ 5. Use capital letters for all the short form, e.g. ASR, and you should explain what it stands for when it first appears. For example, when ASR first appear in your slide, you should write ASR (Automatic Speech Recognition)
- ▶ 6. Be consistent. If you use all capital letters for the heading of your first slide, keep this rule on every slides. Or if you use capital letters for the first letter of each word, keep it on all the slides.
- ▶ 7. No typos should be found.



Grading

- ▶ All of you will be both presenter and assessors.
- ▶ You will have to score your classmate's presentation.
- ▶ Learn how to score the others, so you can obtain high score from others in the future.
- ▶ You have to use English



Date

- ▶ 21 / 5 (Fri) and 22 / 5 (Sat)
- ▶ The schedule will be released in another excel file.



To learn

- ▶ As a reviewer
 - What draws your attention?
 - How long can you concentrate?
- ▶ As a reader
 - Learn how to learn fast
- ▶ As a presenter
 - How to present precisely?
 - Use more figures, it is better in presenting ideas
 - Focus on the first few minutes, when people are still concentrated
 - Estimate/Understand your audiences