**Text Analysis and Retrieval**

# 8. Prep on paper reading / project report

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v0.1

# Outline

1. List the main conferences in the NLP community
2. Explain the main functional structure of an NLP paper
3. Explain how to read and summarize a scientific paper

- https://aclanthology.org/
- https://github.com/sebastianruder/NLP-progress
- https://paperswithcode.com/task/part-of-speech-tagging
- https://web.stanford.edu/class/ee384m/Handouts/HowtoReadPaper.pdf
- http://coling2018.org/paper-types/
- https://2023.aclweb.org/blog/review-form/

# Outline

1. Describe how to structure the project report paper

# Project report

- In a form of a scientific paper
- Min. 3 pages and max. 4 pages + 1 page for references
- Preferably in English (but we won't insist ☺)
- To be typeset in LaTeX (we provide a template)
- Reviewed by teaching staff + TAs
- Published on-line in "TAR 2023 Course Project Report"
- Indexed by Google Scholar!
- Two types of reports (papers): System paper and Research paper

# System paper structure

1. **Intro**: explain the problem, the motivation, and what you did
2. **Related work**: short task overview, similar algorithms/systems
3. **System description**: models, features, training, dataset, etc.
4. **System evaluation**: evaluation metrics, results (tables), result commentaries
5. **Conclusion**: wrapup of what has been done and a short discussion on future work
6. **References**

# Research paper structure

1. **Intro**: explain the background, the gap in research, the motivation for addresing it, your research question, and what you did
2. **Related work**: short description of papers tackling the same or similar question, explanation of how your work differs from theirs
3. **Method**: description of your method (model, features, etc.) and dataset
4. **Experiments**: description of the experimental setup (dataset, dataset splits, metrics) and results (tables and commentaries)
5. **Conclusion**: wrapup of the main results and short discussion on future work
6. **References**