



## **Computational linguistics:**

- Comp. linguistics theories & formalisms
- Knowledge representation. Deep learning
- Comput. morphology, syntax, semantics
- Discourse models; textual entailment
- Word sense disambiguation; anaphora
- Machine translation, text generation
- Statistical methods; lexical resources

## Intelligent text processing and applications:

- Opinion mining and sentiment analysis
- Information retrieval; question answering
- Information extraction. Text mining
- Document categorization and clustering
- NL interfaces; spellcheck
- Automatic summarization and all related topics

