Computational Linguistics: Exam

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Contents

1 Exam: Written (50 %) 3
2 Exam: Projects (50%) 4
2.1 Topics and Schedule 5
3 Next 7

1. Exam: Written (50 %)

Topics CFG, Parsing Strategies (top down, bottom up, left corner); Domain of interpretation (semantic types); Categorial Grammar; Syntax-Semantics (types and categories); lambda terms; relation CG categories, types, lambda terms; Lambek Calculus.

2. Exam: Projects (50%)

"The presentation must include a brief overview of the literature, a critique of a selected paper and a description of your own idea/implementation. "

- What is the problem you are going to present?
- Why is it important?
- What is the goal of your talk?
- Explains what you said.
- Give an example pointing out problems you have mentioned
- Give the same example pointing out how the problems were solved by the analysis you are presenting.
- Draw conclusions (also maybe open problems)
- Give references

2.1. Topics and Schedule

- 20th of Jan: (18:00-19:35)

  18:00-18:15 Thu: Topic Models application to DL

  18:20-18:35 Dmitry: Distributional Semantics, Dagen & Geffet

  18:40-18:55 Tenzin: Distributional Semantics, Dagen & Geffet

  19:00-19:15 Angelina: WordNet & FrameNet (NO OVERAL TESSARIS)

  19:20-19:35 Phoenix: CCG

- 28th of Jan (10:30-13:00)
  - Le: n-gram overview plus application
  - Grady and Maria: WSD in Romanian
  - Laura: Lambek Calculus
  - PAUSE (15 min.)
  - Enrico and Albert (?): DRS and Ace
  - Sudeep: Leixcal semantics/ontologies. Text2Onto

- PAUSE (15 min.)
- Karolis: bio-info and NLP
- Alexander: TAG

3. Next

To stay updated

- Mailing lists: e.g. corpora corpora@hd.uib.no
- Main Conference: ACL, NAACL; LREC;
- Summer School: ESSLLI.

Local Events:

- 4th Feb, PhD Day
- Topic Seminars
- Colloquia: http://portale.unitn.it/centre/cimec/colloquia.htm or clic mailing list

MSc topics

- Interactive Question Answering
- LT for Digital Libraries
- Vector Semantics Models
- Controlled Natural Languages/query over ontologies