Cristina España-Bonet

UdS & DFKI

Summer Semester 2019 17th April 2019

General Info

- Questions on registration, credits and so on:
 - CS: studium@cs.uni-saarland.de
 - CoLi: Dr.Thater / Ms.Deeg
- Credits
 - CS: only seminars with 7 CP's exist (so must do the term paper)
 - CoLi: can chose 4 and 7 CP options
- The registration in HISPOS is the same for all students with deadline July 3rd.

Problem: 15 students limit

Before attending, answer these questions

- Are there more seminars that also interest you?
- Are you in your 1st semester? Next year you'll take more benefit of the course
- Do you know what a FFN is? The course will be more technical
- Wanna work more than you were told last week? Evaluation through questionnaires too

https://cristinae.github.io/teaching/we4nlp19/

Structure (12 Weeks)

- **Block I**: Standard introductory lectures (*me!*)
- Block II: Basic/SotA Models (you!) word2vec, glove, fasttext, ELMo, OpenAI-GTP, BERT
- **Block III**: Advanced Models/Applications (*you!*)

Evaluation

- 70% talks (2 per student) + 30% interaction/questionnaires
- Term paper (topic to be agreed)

Block I

Lectures (Intro + 3 Weeks)

- L1: Introduction to Word Embeddings
- **L2**: Demo/short exercise Bring your laptop with python, anaconda, jupyter notebook, gensim, matplotlib
- L3: Introduction to PCA, SVD an others
- L3: How to do a scientific talk

Later in the course

■ LX: How to write a scientific/term (paper) and term paper topic discussion

Block II

Main Topics (2h*3 Weeks)

- **L5**: Word2Vec
- **L6**: Glove & FastText
- L7: ELMo, OpenAI-GTP, BERT

Distribution

- 5 people per group
- A group presents a topic in 2h
- Including: given papers, related papers, demos, blogs, etc..

Block II

Let's try the 15 students limit... with a doodle.

Presentation for Block II

by Cristina • seconds ago • Print

Puilding C7.2, Room -1.05

	Word2Vec 29th May 8:30-10:30	Glove & FastText 5 June 8:30-10:30	Bert & Co 12/19 June (TBC) 8:30-10:30
0 participants	✓ 0	✓ 0	✓ 0
Enter your name	•	•	•

Block III

■ We'll discuss later