



Workshop on Data-driven Approaches to Parsing and Semantic Composition

Hosted by the SFB 833, project A3, at the University of Tübingen

Monday, December 9th, 2019

19:00-21:00 Pre-workshop drinks: Neckarmüller

Gartenstraße 4
72074 Tübingen

<https://www.neckarmueller.de>

Tuesday, December 10th, 2019: Fürstenzimmer, Schloss Hohentübingen

9:00-9:30 Registration

9:30-9:45 Welcome from the organizers

9:45-10:45 Invited talk: Ellie Pavlick (Brown University)

What should constitute natural language 'understanding'?

10:45-11:15 Coffee break

11:15-12:15 Çağrı Çöltekin and Ben Campbell (Tübingen University)

TüBa-D/Z to UD conversion and UD error detection

12:15-14:00 Demo and poster lunch

12:15-12:30 Daniël de Kok

Preview of demo and poster session

12:30-14:00 Live demos, posters and lunch

Ben Campbell and Çağrı Çöltekin

Daniël de Kok and Sebastian Pütz

Corina Dima, Daniël de Kok, Neele Falk and Erhard Hinrichs

Neele Falk, Eva Huber and Yana Strakatova

14:00-15:00 Invited talk: Miryam de Lhoneux (Uppsala University)

Do we need recursive subtree composition in dependency parsing?

15:00-15:30 Coffee break

15:30-16:30 Daniël de Kok and Tobias Pütz (Tübingen University)

Task-specific pre-training for dependency parsing

19:00-21:00 Workshop dinner: Restaurant Afrika

Schlachthausstraße 9
72074 Tübingen

<http://www.africa-tuebingen.de/>



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Wednesday, December 11th, 2019: Fürstenzimmer, Schloss Hohentübingen

- 8:30-9:00 Registration
- 9:00-10:00 Invited talk: Vered Shwartz (Allen Institute for Artificial Intelligence, Seattle)**
Not a piece of cake: on lexical composition and implicit information
- 10:00-10:30 Coffee break
- 10:30-11:30 Sebastian Pütz (Tübingen University)**
Insights into subword embeddings
- 11:30-12:30 Invited talk: Bernd Bohnet (Google AI, London)**
Linguistic representations in neural network times
- 12:30-14:00 Lunch break
- 14:00-15:00 Patricia Fischer (Tübingen University)**
Modeling compatibility in neural dependency parsing
- 15:00-16:00 Panel discussion, moderated by Daniël de Kok and Erhard Hinrichs**
- 16:00-16:15 Workshop closing and coffee
- 16:30-17:30 Guided tour at the Museum of the University of Tübingen (MUT)**