



## Workshop on Data-driven Approaches to Parsing and Semantic Composition

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

**Monday, December 9<sup>th</sup>, 2019**

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

Gartenstraße 4  
72074 Tübingen

<https://www.neckarmueller.de>

**Tuesday, December 10<sup>th</sup>, 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 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 Patricia Fischer (Tübingen University)**

Modeling compatibility in neural 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 11<sup>th</sup>, 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 Daniël de Kok and Tobias Pütz (Tübingen University)**  
Task-specific pre-training for dependency parsing
- 15:00-16:00 Panel discussion, moderated by Daniël de Kok and Erhard Hinrichs**
- 16:00-16:15 Workshop closing and coffee