Conference programme

Tuesday, Oct 8

08:30 – 09:30	Registration (KH 0.019)	
09:30 – 11:00	**Tutorial: Corpus Statistics with R** (KH 1.012)	Registration (KH 0.019)
11:00 – 11:30	Coffee break (KH 0.024)	
11:30 – 13:00	**Tutorial: Corpus Statistics with R** (KH 1.012)	**GermEval Task 1** (KH 0.023)
13:00 – 14:30	Lunch break	
14:30 – 16:00	**Tutorial: Corpus Statistics with R** (KH 1.012)	**GermEval Task 2** (KH 0.023)
16:00 – 16:30	Coffee break (KH 0.024)	**GermEval Posters** (KH 0.024)
16:30 – 17:30	**Tutorial: Corpus Statistics with R** (KH 1.012)	
17:30 – 18:00		**GermEval Task 2** (KH 0.023)
18:00 – 18:30		**GermEval Discussion** (KH 0.023)
19:00 – 22:00	**Warming up** Steinbach-Bräu *Vierzigmannstr. 4, 91054 Erlangen*	

Wednesday, Oct 9

08:30 – 09:00	KH 0.019	Registration
09:00 – 09:30	KH 2.016	**Conference opening**
09:30 – 11:00	KH 2.016	**Plenary talk**: **Gemma Boleda** *Computational Linguistics and Linguistic Theory*
11:00 – 11:30	KH 0.024	Coffee break
11:30 – 12:00	KH 2.016	**Christian Wartena**: *A Probabilistic Morphology Model for German Lemmatization.*
12:00 – 12:30	KH 2.016	**Sebastian Zepf, Deniz Cevher, Roman Klinger**: *Towards Multimodal Emotion Recognition in German Speech Events in Cars using Transfer Learning.*
12:30 – 12:50	KH 2.016	**Yash Bhalgat, Zhe Liu, Pritam Gundecha, Jalal Mahmud, Amita Misra:** *Teacher-Student Learning Paradigm for Tri-training: An Efficient Method for Unlabeled Data Exploitation.*
12:50 – 14:00		Lunch break
14:00 – 14:30	KH 2.016	**Michael Wiegand, Margarita Chikobava, Josef Ruppenhofer:** *A Supervised Learning Approach for the Extraction of Sources and Targets from German Text.*
14:30 – 15:00	KH 2.016	**Edit Szügyi, Sören Etler, Andrew Beaton, Manfred Stede:** *Automated Assessment of Language Proficiency on German Data.*
15:00 – 15:30	KH 2.016	**Josef Ruppenhofer & Ines Rehbein:** *Detecting the boundaries of sentence-like units in spoken German.*
15:30 – 16:00	KH 0.024	Coffee break
16:00 – 18:00	KH 0.024	**Poster session**
18:30 – 20:30	Orangerie (opposite KH across park)	**Welcome reception**

Thursday, Oct 10

08:30 – 09:00	KH 0.019	Registration
09:00 – 10:20	KH 2.016	**Kaleidoscope session**
10:20 – 10:30	KH 2.016	Announcement of **KONVENS 2020**
10:30 – 10:50	KH 2.016	**Stefan Schweter & Sajawel Ahmed:** *Deep-EOS: General-Purpose Neural Networks for Sentence Boundary Detection.*
11:00 – 11:30	KH 0.024	Coffee break
11:30 – 13:30	KH 2.016	Presentations of nominees for **GSCL Student Award** BA **Rami Aly** (Hamburg): *Hierarchical writing genre classification with neural networks* BA **Elena Leitner** (Potsdam): *Eigennamen- und Zitateerkennung in Rechtstexten* BA **Verena Blaschke** (Tübingen): *Clustering Dialect Varieties Based on Historical Sound Correspondences* MA **Isabel Meraner** (Zürich): *Grasping the Nettle: Neural Entity Recognition for Scientific and Vernacular Plant Names* MA **Costanza Conforti** (München): *Predicting morphosyntax from lemmas with neural networks: a comprehensive study on German* MA **Janek Bevendorff** (Weimar): *Authorship Obfuscation Using Heuristic Search*
13:30 – 14:30		Lunch break GSCL board meeting (KH 1.021)
14:30 – 16:00	KH 2.016	**GSCL business meeting**
		Individual travel to Nürnberg for city tours
16:45 – 19:00	Nürnberg	**Tours in Nürnberg** **16:45** Tour of rock-cut cellars (*Felsengänge*) **17:00** City tour (1x German, 1x English) **17:45** Tour of rock-cut cellars (*Felsengänge*)
19:00 – 22:30	Bratwurst Röslein *Rathausplatz 6, 90403 Nürnberg*	**Conference dinner with live music**

Friday, Oct 11

09:30 – 11:00	KH 2.016	**Plenary talk:** **Daisuke Bekki & Hitomi Yanaka** *Hybrid natural language understanding:* *neural network, logic and beyond*
11:00 – 11:30	KH 0.024	Coffee break
11:30 – 12:00	KH 2.016	**Gregor Wiedemann, Avi Chawla, Steffen Remus, Chris Biemann:** *Does BERT Make Any Sense? Interpretable Word Sense Disambiguation with Contextualized Embeddings.*
12:00 – 12:30	KH 2.016	**Jennifer Fest, Arndt Heilmann, Oliver Hohlfeld, Stella Neumann, Jens H. Reelfs, Marco Schmitt, Alina Vogelgesang:** *Determining Response-generating Contexts on Microblogging Platforms.*
12:30 – 13:00	KH 2.016	**Juri Opitz:** *Argumentative Relation Classification as Plausibility Ranking.*
13:00 – 13:20	KH 2.016	**Roman Schneider**: *"Konservenglück in Tiefkühl-Town" – Das Songkorpus als empirische Ressource interdisziplinärer Erforschung deutschsprachiger Poptexte.*
13:20 – 13:40	KH 2.016	**Annelen Brunner, Ngoc Duyen Tanja Tu, Lukas Weimer and Fotis Jannidis:** *Deep learning for Free Indirect Representation.*
13:50 – 14:30	KH 2.016	**Conference closing** **GSCL Student Award**

Posters

- **Kai Labusch, Clemens Neudecker, David Zellhöfer:** *BERT for Named Entity Recognition in Contemporary and Historic German.*
- **Michael Wiegand, Leonie Lapp, Josef Ruppenhofer***: A Descriptive Analysis of a German Corpus Annotated with Opinion Sources and Targets.*
- **Veronika Hintzen, Alexander Fraser**: *To Act Or Not To Act - Annotating and Classifying Email Regarding Necessary Action.*
- **Gertrud Faaß, Sonja Bosch**: *Towards a gold standard corpus for detecting valencies of Zulu verbs.*
- **Anna Hätty, Ulrich Heid, Anna Moskvina, Julia Bettinger, Michael Dorna, Sabine Schulte Im Walde:** *AkkuBohrHammer vs. AkkuBohrhammer: Experiments towards the Evaluation of Compound Splitting Tools for General Language and Specific Domains.*
- **Dirk Johannßen, Chris Biemann:** *Neural classification with attention assessment of the implicit-association test OMT and prediction of subsequent academic success.*
- **Maria Skeppstedt, Rafal Rzepka, Kenji Araki, Andreas Kerren:** *Visualising and evaluating the effects of combining active learning with word embedding features.*
- **Fabian Karl, Mikko Lauri, Chris Biemann:** *Creating Information-maximizing Natural Language Messages Through Image Captioning-Retrieval.*
- **Aashish Agarwal, Torsten Zesch:** *German End-to-end Speech Recognition based on DeepSpeech.*
- **Ritavan, Harald Koppen:** *Label Propagation of Polarity Lexica on Word Vectors.*
- **Finn Årup Nielsen, Lars Kai Hansen:** *Combining embedding methods for a word intrusion task.*
- **Jon Stevens, Brandon Punturo, Derek Chen, Mike Kim, Jacob Zimmer:** *Representing document-level semantics of biomedical literature using pre-trained embedding models: Novel assessments.*
- **Eckhard Bick:** *Dependency Trees for Greenlandic.*
- **Ines Reinig, Ines Rehbein:** *Metaphor detection for German Poetry.*
- **Özge Alacam, Wolfgang Menzel, Tobias Staron:** *How Does Visual Complexity Influence Predictive Language Processing in a Situated Context?*
- **Luise Schricker, Manfred Stede, Peer Trilcke:** *Extraction and Classification of Speech, Thought, and Writing in German Narrative Texts.*
- **Somto Enendu:** *Predicting Semantic Labels of Text Regions in Heterogeneous Document Images.*
- **Katrin Ortmann, Adam Roussel, Stefanie Dipper:** *Evaluating Off-the-Shelf NLP Tools for German.*

Kaleidoscope presentations

- **Adrien Barbaresi:** *Generic Web Content Extraction with Open-Source Software.*
- **Maria Skeppstedt, Magnus Ahltorp, Gunnar Eriksson, Rickard Domeij:** *Sketches of a Graphical User Interface for Word Alignment Annotation.*
- **Peter M. Fischer, Christian Lang:** *Ein Tool zur Visualisierung des Gebrauchs von Schreibvarianten.*
- **Piroska Lendvai, Simone Rebora, Moniek Kuijpers:** *Identification of Reading Absorption in User-Generated Book Reviews.*
- **Michael Richter, Tariq Yousef:** *Predicting Default and Non-Default Aspectual Coding: Impact and Density of Information Features.*

Plenary talks

Gemma Boleda (Universitat Pompeu Fabra, Barcelona)
Computational linguistics and linguistic theory

Computational Linguistics has recently made enormous progress in modeling natural languages. It looks like we are getting something right about language, and this merits close inspection and analysis: we should understand what it is that we are getting right, and incorporate it into current linguistic theories. However, sadly, the impact of our methods and results in theoretical linguistics is to date quite limited. I will discuss ways in which we can interface with linguistics, exemplify it with my own work and that of others, and discuss challenges and ways forward.

Gemma Boleda works as a tenure-track researcher at Universitat Pompeu Fabra (Barcelona, Spain). After earning a PhD at U. Pompeu Fabra, she moved on to post-doctoral positions including The University of Texas at Austin (USA) and University of Trento (Italy). She has served as Area Chair for ACL 2016, as co-editor of a Special Issue on Formal Distributional Semantics of the Computational Linguistics journal, and as a member of the standing review committee of TACL since 2017, a.o. In her research, Dr. Boleda uses quantitative and computational methods to better understand the semantics of natural language. In her current ERC Starting Grant, she and her team investigate the interplay between conceptual and referential aspects of meaning.

Daisuke Bekki & Hitomi Yanaka (Ochanomizu University / RIKEN, Tokyo)
Hybrid natural language understanding: neural network, logic and beyond

Daisuke Bekki is a formal semanticist who advocated a new framework for a theory of meaning, called dependent type semantics (DTS). DTS is one of the proof-theoretic frameworks that have attracted attention in recent years as an alternative to model-theoretic semantics. Bekki is also known as a formal syntactician by research on Japanese syntax employing combinatory categorial grammar (CCG). In the past five years, he has led a NLP research project in which a neural wide-coverage CCG parser, Montagovian higher-order logical semantics, and proof automation techniques are integrated into the RTE system ccg2lambda.

Hitomi Yanaka is a research scientist at RIKEN Center for Advanced Intelligence Project (AIP). She works on natural language inference a.k.a. recognizing textual entailment, and integration of logic-based approaches and vector-based approaches.