

## **Program of the Workshop *Reasoning, Argumentation and Logic in Natural Language: Experiments and Models***

April, 3–5, 2019, Bochum

Organization: Markus Werning (U Bochum), Matthias Unterhuber (U Bochum), Maria Spychalska (U Cologne) and Eugen Fischer (UEA)

### **Tuesday, April 2, 2019**

*19.30: Informal Get-Together, Restaurant Farina, Brüderstraße 1, 44787 Bochum*

### **Wednesday, April 3, 2019**

09:15–09:30	Registration
09:30–09:45	Welcome
09:45–10:40	Keynote: Eugen Fischer and Paul Engelhardt <b>Naturalized Argument Analysis: Using Eye-tracking to Analyse Philosophical Arguments</b>
10:40–11:10	Rick Nouwen and Ying Liu <b>Predicting the Interpretation of Connectives Embedded under Scalar Quantifiers</b>
Coffee Break (30min)	
11:40–12:35	Keynote: Lucy MacGregor <b>You Rock! Understanding Semantic Ambiguity</b>
12:35–13:05	Mieke Slim, Peter Lauwers and Rob Hartsuiker <b>Priming of Logical Representations in Dutch and French Language Comprehension</b>
Lunch Break (1h 25min)	
14:30–15:25	Keynote: Jakub Szymanik <b>Why are the Natural Language Quantifiers Monotone?</b>
15:25–15:55	Sonia Ramotowska, Shane Steinert-Threlkeld, Leendert Van Maanen and Jakub Szymanik <b>Individual Differences in Semantic Representations Affect Quantifier Processing</b>
15:55–16:25	Christoph Hesse and Anton Benz

	<b>The Approximate Number Sense Bootstraps Scalar Implicature of Comparatively Modified Numerals in Impoverished Contexts</b>
Coffee Break (20min)	
16:45-17:15	Michael Henry Tessler and Roger Levy <b>Non-monotonic Understanding of Conjunctive Generic Sentences</b>
17:15-18:10	Keynote: Maria Spsychalska <b>Not all implicatures are created equal: on the role of judgment, information and relevance in pragmatic processing</b>

19.15: Informal Get-Together, Restaurant Tapas, Kortumstraße 3, 44787 Bochum

#### Thursday, April 4, 2019

09:45–10:40	Keynote: Milena Rabovsky <b>Modeling the N400 Brain Potential as Change in a Probabilistic Representation of Meaning</b>
10:40–11:10	Petra Augurzky, Vera Hohaus and Rolf Ulrich <b>Predictive Processing during On-line Reasoning: the Case of Temporal Quantification</b>
Coffee Break (30min)	
11:40-12:35	Keynote: Markus Werning and Matthias Unterhuber <b>Bayesian Pragmatics and the Contextual Modulation of Word Meanings: A Quantitative Model of EEG and Cloze data</b>
12:35-13:05	Michael Henry Tessler, Joshua Tenenbaum and Noah Goodman <b>Probabilistic Pragmatics in Syllogistic Reasoning</b>
Lunch Break (1h 25min)	
14:30–15:25	Keynote: Yosef Grodzinsky <b>The Processing Cost of Multiple Negations and the Language-logic Interface in the Brain</b>
15:25-15:55	Siqi Lyu <b>It's NOT Difficult to Make a Concession! Interaction between Plausibility and Negation in Comprehending Concessive and Causal Relations</b>
15:55-16:25	Maria Spsychalska and Viviana Haase <b>The Role of Alternatives and Sentences Truth/Value in the Processing of Affirmative and Negative Sentences</b>

Coffee Break (20min)	
16:45-17:15	Julie Goncharov <b>Reasoning about Ignorance of Others</b>
17:15-18:10	Keynote: Stefan Heim <b>From Conceptual Preparation to the Ill-formed Utterance: Where is the Neurocognitive Locus of Crazy Talk in Schizophrenia?</b>

19.15: Conference Dinner, Restaurant Avli, Luisenstraße 14, 44787 Bochum

### Friday, April 5, 2019

09:45-10:40	Keynote: Richard Breheny <b>Diverse Mechanisms Explain Scalar Diversity</b>
10:40-11:10	Laura Devlesschouwer <b>Upper Bounds, Scalar Implicatures, and Argumentation</b>
Coffee Break (30min)	
11:40-12:10	Kristina Liefke <b>Reasoning with an Attitude: Contextual Inference Relations between Same-type Attitude Reports</b>
12:10-13:05	Keynote: Ken McRae <b>Event Knowledge and Semantic Processing</b>