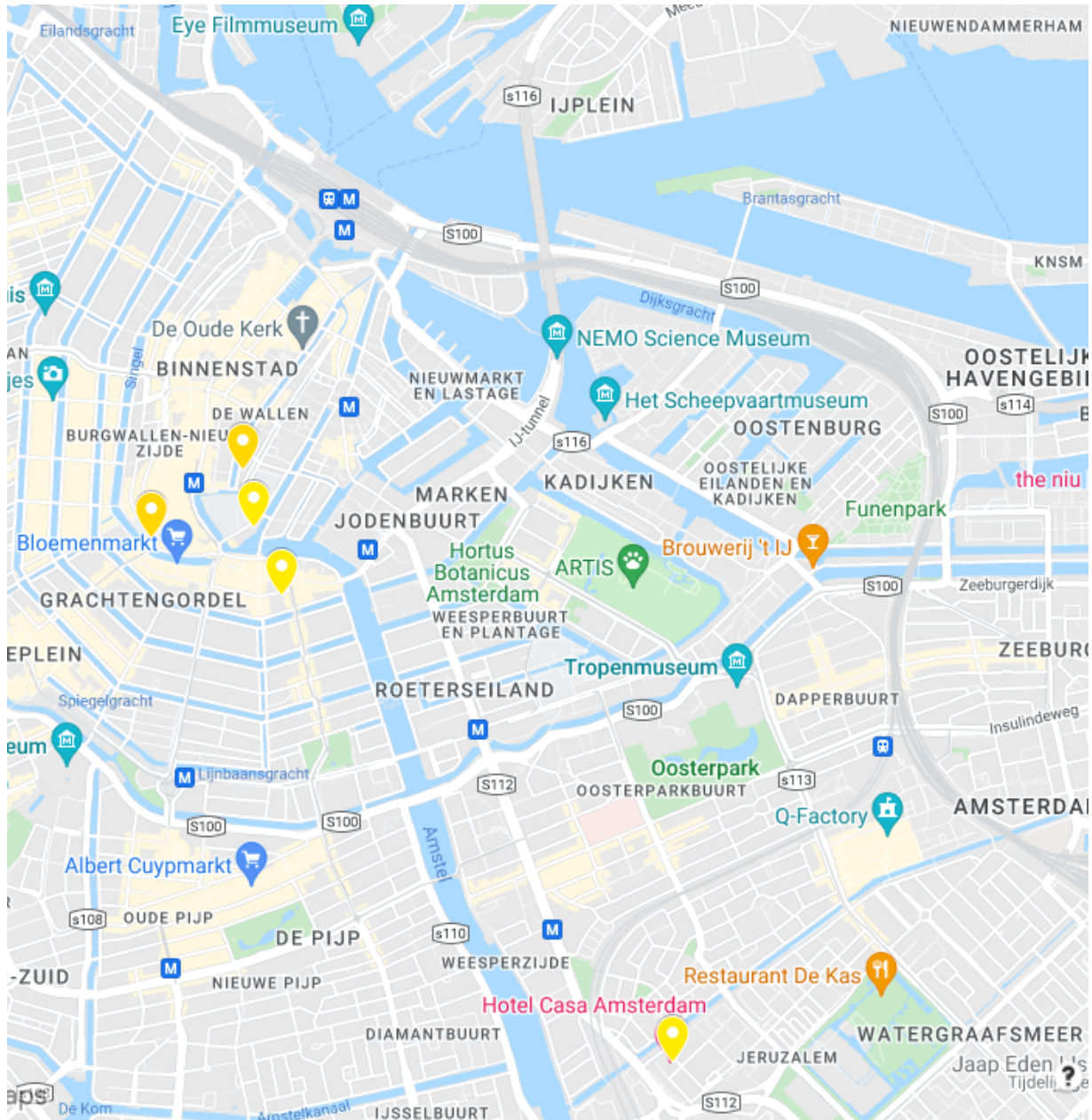


# COGNITIVE SEMANTICS AND QUANTITIES

Closing Workshop

16-18 May 20 – Amsterdam



# LOCATIONS

## PhD defense

Agnietenkapel  
Oudezijds Voorburgwal 229-231

## Conference Venue

Doelenzaal C0.07 @University  
Library Singel 425

## Hotel

Hotel Casa  
Eerste Ringdijkstraat 4

## Conference dinner Social

Indrapura  
Rembrandtplein 40

## Gathering

Café de Jaren  
Nieuwe Doelenstraat 20-22

# TRANSPORTATION

## To conference:

Tram: 12

Exit: Spui/Muntplein

Metro: 51, 53, 54

Exit: Waterlooplein + 15 minute walk : **click here!**

## To hotel:

Tram: 12

Exit: Amstelstation

Metro: 51, 53, 54

Exit: Amstelstation or Wibautstraat

Conference map: Public

**Click here!**

Transport Guide

**Click here!**

Rent-a-bike

Hotel Casa has bikes available for rent  
Costs: 15,- per bike for 24H

## Monday - 16 May

14:00 - **Sonia Ramotowska**  
PhD defense @Agnietenkapel (see locations):  
"Quantifying quantifier representations: Experimental studies,  
computational modeling, and individual differences"

Promotor: **Prof. dr. Sonja Smets** (University of Amsterdam)  
Supervisors: **Dr. Jakub Szymanik** (University of Amsterdam)  
**Dr. Leendert van Maanen** (Utrecht University)

Project: Cognitive Semantics and Quantities  
Institute: Institute for Logic, Language, and Computation (University of Amsterdam)  
Financer: European Research Council

Introduction -

"In my PhD project, I try to understand how people verify and represent sentences containing quantifiers (natural language expressions such as many, most, few, some). To do that, I combine behavioral and electroencephalography experiments with cognitive modeling. More specifically, I study the individual differences in quantifier representations by estimating participants' thresholds. I test the stability of the semantic representations over time and the effect of vagueness on participants' linguistic behavior. In another subproject, I try to find the source of difficulties in negative quantifier processing. I use the Diffusion Decision Model to model the verification of negative vs. positive quantifiers and Hidden semi-Markov Model Multivariate Pattern Analysis to discover processing stages in quantifiers verification. I'm also interested in the learnability of quantifiers and semantic universals."

Thesis: [Click here!](#)

## Tuesday- 17 May

- 9.00 - 9.10 **Jakub Szymanik**  
Opening
- 9.10 - 9.55 **Maria Aloni**  
Neglect-zero effects at the semantics-pragmatics interface
- 9.55 - 10.40 **Uli Sauerland**  
TBA
- 10.40 - 11.00 Coffee break
- 11.00 - 11.45 **Petra Augurzky**  
Context effects on the processing of quantified sentences - evidence from ERP experiments
- 11.45 - 12.30 **Xavier Alario**  
Cortical Tracking of Keystrokes During Typing
- 12.30 - 13.30 Lunch break
- 13.30 - 14.15 **Bob van Tiel**  
Quantification and Autism Spectrum Disorder
- 14.15 - 15:00 **Barbara Kaup**  
The processing, representation and use of negation: an overview from the perspective of psycholinguistics
- 15.00 - 15.20 Coffee break
- 15.20 - 16.05 **Sonia Ramotowska**  
Vagueness in quantification
- 16.05 - 16.50 **Nicole Gotzner**  
Connections between measurement scales and Horn scales
- 16.50 - 17.00 Small break
- 17.00 - 17.45 **Sandro Pezzelle**  
Semantic adaptation through active information seeking: A case study on gradable adjectives
- 17.45 - 17.55 -
- 19.00- Workshop dinner at Indrapura restaurant (See locations)

## Wednesday- 18 May

- 9.00 - 9.10 -
- 9.10 - 9.55 **Shane Steinert-Threlkeld**  
Efficient Communication in Closed Classes
- 9.55 - 10.40 **Milica Denić**  
Communicative efficiency in numeral systems
- 10.40 - 11.00 Coffee break
- 11.00 - 11.45 **Noga Zaslavsky**  
Efficient compression and linguistic meaning in humans and machines
- 11.45 - 12.30 **Moshe Bar-Lev**  
How communicative efficiency and partition by exhaustification can shape the logical vocabulary
- 12.30 - 13.30 Lunch break
- 13.30 - 14.15 **Wataru Uegaki**  
Learnability and constraints on the semantics of clause-embedding predicates
- 14.15 - 15:00 **Tyler Knowlton**  
Every universal is first-orderizable, but only each is first-ordered
- 15.00 - 15.20 Coffee break
- 15.20 - 16.05 **Steven Verheyen**  
A multiverse analysis of the interpretation of numerical expressions
- 16.05 - 16.50 **Fausto Carcassi**  
Modelling argumentation with quantifiers
- 16.50 - 17.00 Small break
- 17.00 - 17.45 **Dan Lassiter**  
How not to identify scalar implicatures: The importance of priors
- 17.45 - 17.55 Jakub Szymanik  
**Closing**
- 19.00- Social gathering at Café de Jaren (See locations)