

## WiFi

### Option 1:

WiFi name: **eduroam**

Log-in: *use your eduroam credentials*

### Option 2:

WiFi name: **uzh-guest**

Log-in: *Verification via SMS*

Department of Computational Linguistics



University of  
Zurich<sup>UZH</sup>

## Lunch



### UniTurm

UZH Main Building  
Rämistrasse 71, 8006 Zürich



### ETH Dozentenfoyer

ETH Zurich, Building HG K 30.5  
Rämistrasse 101, 8092 Zürich

## Dinner

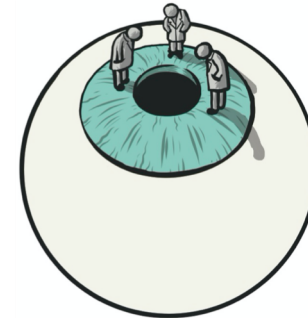


### Haus Hiltl

Sihlstrasse 28, 8001 Zürich

# Predicting Reading Comprehension from Eye Movements

Zurich, 22–23 June 2023



## Program

### Location:

KOL-G-212, Rämistrasse 71, Zurich

### Organizers:

Lena Jäger, University of Zurich

Titus von der Malsburg, University of Stuttgart

Funded by



University of  
Zurich<sup>UZH</sup>

## 22 June 2023

|       |   |                                      |
|-------|---|--------------------------------------|
| 9:00  | <i>Welcome &amp; Introduction</i>   | Lena Jäger                           |
| 9:30  | <i>Assessing reading comprehension in large-scale assessment: Strengths, trade-offs, and challenges</i> | Carolin Hahnel                       |
| 10:30 | <b>Coffee Break</b>   |                                      |
| 10:45 | <i>Linkages between diagnostic labeling and reading competence in a large-scale assessment</i>          | Maja Stegenwallner-Schütz            |
| 11:30 | <i>General discussion</i>   | Moderator: Titus                     |
| 12:15 | <b>Lunch at UniTurm</b>   |                                      |
| 13:45 | <i>Dependency length and surprisal as predictors of sentence processing difficulty</i>                  | Sidhart Ranjan                       |
| 14:30 | <b>Coffee Break</b>   |                                      |
| 14:45 | <i>Patterns of intra-word eye movements: Scanpath of the familiarity effect in Hebrew</i>               | Hend Lahoud & Titus von der Malsburg |
| 19:00 | <b>Dinner at Haus Hiltl</b> (drinks are self-paid)  |                                      |

## 23 June 2023

|       |   |                  |
|-------|---|------------------|
| 9:00  | <i>Using computer models of eye movement control to understand reading comprehension: Exploratory simulations</i> | Erik Reichle     |
| 9:45  | <i>Developing an eye-tracking based screening for dyslexia</i>  | Chiara Tschirner |
| 10:30 | <b>Coffee break</b>   |                  |
| 10:45 | <i>Eye tracking measures as predictors of reading comprehension</i>   | Diane Mézière    |
| 11:30 | <i>General discussion</i>   | Moderator: Titus |
| 12:00 | <b>Lunch at ETH Dozentenfoyer</b> (self-paid)   |                  |
| 13:30 | <i>Structured annotations for reading comprehension and OneStopGaze</i>   | Yevgeni Berzak   |
| 14:15 | <i>Eye movements and reading comprehension in ordinary versus information-seeking reading</i>                     | Omer Shubi       |
| 16:00 | <b>Coffee break</b>   |                  |
| 16:15 | <i>Improving Natural Language Processing Tasks with Human Gaze-Guided Neural Attention</i>                        | Ekta Sood        |
| 17:00 | <i>The potential and challenges of eye-tracking data for machine learning-based reading assessments</i>           | David Reich      |
| 17:30 | <i>General discussion &amp; conclusion</i>  | Moderator: Lena  |



Access the program via Google Calendar