

Using eye-tracking to study gaze behavior during social interaction in experimental and natural environments

September 18 – 19, 2019, University of Neuchâtel
Faculty of science (room B015) – Rue Emile-Argan, 11 – 2000 Neuchâtel – Suisse

During social interactions, participants' eyes are not fixed but move around and gaze at different stimuli like other people or interesting parts of the environment. These are used to build a mental representation of a scene. More specifically, eye contact and gaze are important cues in human communication as they help coordinate social interaction and information flow. Gaze is thus a crucial non-verbal communication channel. Eye-tracking technologies allow precise measurement of gaze behavior, and are becoming increasingly accessible and easy to use in real-life situations.

The objective of this workshop is to provide basic knowledge and skills for the use of eye-tracking devices in experimental and naturalistic settings. During the two days of the workshop, researchers from different fields will give theoretical talks on eye-tracking and conferences dealing with studies using this technique in naturalistic settings. Practical training will illustrate the use of eye-tracking devices in both experimental and naturalistic settings.

Speakers:

- **Christina Brandenberger**, PhD student at the VideoLab, Language and Space Lab, University of Zürich
- **Klaus Wolfgang Kesselheim**, PhD, head of the VideoLab, Language and Space Lab, University of Zürich
- **Marco Pedrotti**, PhD, head of applied research and development, He-Arc Santé, Neuchâtel
- **Anja Stukenbrock**, PhD, Prof. at the Institute of German Linguistics, University of Lausanne

PROGRAM

Day 1 (September 18, 2019, Faculty of science (room B015)):

- 10 : 00 – 12 : 00 M. PEDROTTI, theoretical course on eye-tracking and hands on (*title?*)
- 12 : 00 – 13 : 30 Lunch (on site)
- 13 : 30 – 15 : 00 M. PEDROTTI, workshop: *title*
- 15 : 00 – 15 : 30 Coffee break (on site)
- 15 : 30 – 17 : 00 M. PEDROTTI, workshop: *title*

Day 2 (September 19, 2019, Faculty of science (room B015)):

- 10 : 00 – 11 : 00 A. STUKENBROCK, title
- 11 : 00 – 12 : 00 C. BRANDENBERGER & K.W. KESSELHEIM, *title*
- 12 : 15 – 13 : 45 Lunch (on site)
- 13 : 45 – 15 : 00 M. BRANDENBERGER & K.W. KESSELHEIM, workshop: *title*
- 15 : 00 – 15 : 15 Coffee break (on site)
- 15 : 30 – 17 : 00 M. BRANDENBERGER & K.W. KESSELHEIM, workshop: *title*

To register for the workshop or for more information, please contact Sylvia Gonzalez:

Sylvia.gonzalez@unine.ch