



CSLS Workshop

Peter Auer

University of Freiburg

Why EMCA studies need eyetracking

Wednesday, 15 March 2023

16.15-18.00, Unitobler F -105, University of Bern

I will start my talk with an overview of the most important fields of application in which eyetracking can contribute to multimodal EMCA studies. In the second part of my talk, I will focus on the advantages and possible challenges of collecting and analyzing eyetracking data as opposed to standard techniques of video-recording of 'naturally' occurring interaction. The 'participant role' of the camera (or camera-operating researcher) in the on-going interaction will be compared with the perspective of the eye-tracking glasses (scene camera plus overlaid tracker) and it will be argued that in many instances, the latter represent the 'participants' perspective' better than the former. In the third part of my presentation, I will report results of a reliability study on the transcription of standard video-recorded data vs. eye-tracking data, based on stationary, triadic interactions. They show that in a number of constellations, video-recordings do not allow to reconstruct participants' interactionally relevant gaze patterns. \$

Please register via email to info.csls@unibe.ch.

Prof. Dr. Peter Auer is full professor of Germanic Philology at the University of Freiburg. His research interests in sociolinguistics and applied linguistics include code-switching, multilingualism, dialectology and contextualization. Professor Auer is a member of the research team at the Mobile Eye-Tracking Laboratory Freiburg.

Professor Auer's workshop will be followed by **two input sessions** that discuss previous projects and research opportunities with eyetracking devices at the CSLS:

17:10 | **Eyetracking with Pupil Core** | Dr. Kellie Gonçalves & Federico Erba (University of Bern)

17:30 | **Eyetracking with EyeLink** | Dr. Marie-Anne Morand (University of Lausanne)

Walter Benjamin Kolleg
Graduate School of the Arts and Humanities | GSAH
Doctoral Program Studies in Language and Society | SLS

Center for the Study of Language and Society | CSLS



CSLS
Center for
the Study
of Language
and Society

u^b

**UNIVERSITÄT
BERN**