



ISM Luchtime Seminar Series

The ISM Luchtime Seminars are online monthly events, which take place on Thursdays, 13:00-13:30h, and are open to all interested colleagues and students. ISM researchers and guest speakers present their work during a 15 min seminar, in the English language, followed by a brief Q&A session.

We are happy to announce our next speaker: M.Sc. Julian Vahedi from the Heinrich-Heine-University Düsseldorf.

Title: Monitoring of self-committed versus observed errors in obsessive-compulsive disorder: An event-related potential (ERP) study.

Abstract: Obsessive-compulsive disorder (OCD) has been associated with hyperactive error signals in the brain. In the ERP, the error-related negativity (ERN) is considered a validated neural correlate of error processing, and enhanced ERN amplitudes have been quite robustly observed in OCD compared with healthy controls. Previous studies on hyperactive error monitoring in OCD only investigated brain responses to self-committed errors but not to observed errors of others. In fact, similar neural mechanisms have been assumed to underly the monitoring of one's own actions and the actions of others. It is as yet unclear error monitoring is generally enhanced in OCD or whether it is restricted to the processing of own errors. In a recent study in our lab, participants performed an active and an observational version of a modified Eriksen Flanker task. ERN amplitudes triggered by own and observed errors were compared between patients with OCD, patients with social anxiety disorder, and healthy controls. In this talk, I will present and discuss preliminary findings.

When: 16th March 2023 at 13:00h **Where:** MS-Teams (to join, please click [here](#))

Please follow the rules below to make these seminars a success:

- Please use your real name while entering the meeting. Participants with cryptic names will not be given access to the seminar.
- Please turn off your microphone while the seminar is taking place.
- Please feel free to ask questions!

Contact information

Please contact [Dr. Annakarina Mundorf](#) or [Dr. Deeksha Malhan](#) for further information.