Name: Malte Kobelt

Date of Birth: January 6th, 1993

Nationality: German

ACADEMIC QUALIFICATIONS

Since 2020 **Doctoral Studies at the Department of Neuropsychology**
Ruhr-University Bochum, Germany

In my PhD, I combine neuroimaging and electrophysiological methods (EEG, fMRI, simultaneous EEG-fMRI) with multivariate pattern analysis and brain stimulation techniques (TMS) to establish a fundamental understanding of the neural mechanisms underlying involuntary memories. In particular, I focus on the formation and reinstatement of memory representations and how these mechanisms differ between involuntary and voluntary memories. As unwanted memory intrusions are a hallmark symptom in various mental disorders such as PTSD, I aim to translate these mechanisms into a clinical framework using distressing films as a trauma analogue.

2016 - 2018 **Master of Science Psychology and Cognitive Neuroscience**
Ruhr-University Bochum, Germany

Grade: 1.1 (German GPA system, highest degree)

Thesis: *"Beyond goal-directed retrieval processes – incidental and intentional memory retrieval reinstate varying memory representations"*

Supervisors: Prof. Dr. Nikolai Axmacher, Dr. Gerd Waldhauser

2013 - 2016 **Bachelor of Science Psychology**
Ruhr-University Bochum, Germany

Grade: 1.5 (German GPA system, highest degree)

Thesis: *" Ein Vergleich der Elektrophysiologie während des intentionalen und inzidentellen Abrufs des episodischen Gedächtnisses"*

Supervisors: Prof. Dr. Nikolai Axmacher, Dr. Gerd Waldhauser

EMPLOYMENT

2019 - 2020	*Research Scientist* Center for Lifespan Psychology at the Max Planck Institute for Human Development Berlin, Germany Project: Cognitive and Neural Dynamics of Memory Across the Lifespan (ConMem) (Dr. Markus Werkle-Bergner & Dr. Myriam Sander)
2016 - 2019	*Research Assistant* Department of Neuropsychology at the Ruhr-University Bochum, Germany (Prof. Dr. Nikolai Axmacher; Supervisor: Dr. Gerd Waldhauser)
2018	*Student Internship* LWL-Klinik Dortmund, Germany (Psychiatric Hospital)
2014 - 2016	*Statistic Tutor* Department of Experimental Psychology at the Ruhr-University Bochum, Germany (Prof. Dr. Lars Kuchinke)

SCHOLARSHIP

Since 2020	*PhD Scholarship* German Academic Scholarship Foundation

PUBLICATION

Submitted	**Tracking age differences in neural distinctiveness across representational levels**, Kobelt*, M.; Sommer*, V.; Keresztes, A.; Werkle-Bergner, M.; Sander, M.
In prep	**The neural signature of involuntary and voluntary memory retrieval,** Waldhauser*, G.T.; Kobelt*, M.; Fellner, M.-C.; Axmacher, N.

* contributed equally

POSTERS

2019	**Cognitive Neuroscience Society, poster:** "Tracking the neural signature of incidental and intentional memory retrieval" Waldhauser, G. T.; Kobelt, M.; Fellner, M.-C.; Axmacher, N.
2017	**International Conference for Cognitive Neuroscience (ICON), poster:** "The neural signature of memory intrusions" Waldhauser, G. T.; Kobelt, M.; Axmacher, N.
2017	**Psychologie und Gehin (PuG), poster:** "The neural signature of memory intrusions" Waldhauser, G. T.; Kobelt, M.; Axmacher, N.