

# Greta Häberle

---

## Curriculum Vitae

### Higher Education

- 2018– **Doctoral Candidate in Psychology**, *Einstein Center for Neurosciences; Berlin School of Mind and Brain; Free University Berlin, Department of Education and Psychology; Neural Dynamics of Visual Cognition.*  
PhD Thesis (Working Title): "How does each of the core regions active during vision represent objects?" supervised by Prof. R. M. Cichy and Prof. F. Blankenburg
- 2016–2018 **Master of Cognitive Science**, *Osnabrück University, Institute of Cognitive Science*,  
Grade Point Average: 1.0.  
Master's Thesis: "Which Neural and Behavioral Correlates Predict Joint Decision Making in the Presence of Conflicting Individual Decisions?" (1.0) supervised by Prof. Dr. P. König and Dr. B. Wahn.
- 2012–2016 **Bachelor of Cognitive Science**, *Osnabrück University, Institute of Cognitive Science*,  
Grade Point Average: 1.2.  
Bachelor's Thesis: "Neural Correlates of Multimodal Sensory Integration Between an Innate and an Augmented Sensory Modality" (1.0) supervised by Prof. Dr. P. König and Dr. C. Goeke.
- 09/2014– **Semester abroad at New Bulgarian University, Sofia, Bulgaria**, MSc Program  
02/2015 Cognitive Science with Erasmus+.

### Work Experience

- 03/2019– **Internship at Humboldt University Berlin**, *Department of Psychology*,  
04/2019 Metamotorlab.  
Research Topic: Investigating the LRP as a marker of no report first order decisions
- 01/2019– **Internship at Humboldt University Berlin**, *Department of Psychology*, Active  
02/2019 Perception and Cognition Group.  
Research Topic: Eyetracking experiment investigating the effect of two consecutive saccades on visual working memory
- 10/2018– **Internship at Free University Berlin**, *Department of Education and Psychology*,  
12/2018 Neural Dynamics of Visual Cognition.  
Research Topic: EEG experiment concerning the cortical sensitivity to natural scene structures
- 04/2018– **Research Assistant at Osnabrück University**, *Institute of Cognitive Science*.  
07/2018 Acquisition of participants and EEG data acquisition for a project investigating competition and cooperation in a study with two participants.

✉ [g.haeberle@fu-berlin.de](mailto:g.haeberle@fu-berlin.de)

- 06/2016 **Student Assistant at Osnabrück Computational Cognition Alliance Meeting (OCCAM)**, *Osnabrück University*.
- 09/2015 **Student Assistant at international conference of the German Society for Analytic Philosophy (GAP.9)**, *Osnabrück University*.
- 09/2011–  
09/2012 **Voluntary Scientific Year at Leibniz University Hanover**, *Institute of Quantum Optics*.  
Including the acquisition of skills like brazing and the understanding of circuit diagrams. Testing of rubidium dispensers. Building of a small laser and a low pass filter. Performing simple calculations in Matlab. Modeling necessary equipment for the experiments with a 3D editor.

## Publications

- under review **Kaiser D., Häberle G., Cichy R.M.**, Coherent natural scene structure facilitates the extraction of task-relevant object information in visual cortex., *bioRxiv data*.
- 2020 **Kaiser D., Häberle G., Cichy R.M.**, Real-world structure facilitates the rapid emergence of scene category information in visual brain signals., *J. Neurophysiol* PDF *bioRxiv data*.
- 2019 **Kaiser D., Häberle G., Cichy R.M.**, Cortical Sensitivity to natural scene structure., *Hum Brain Mapp* PDF *bioRxiv data*.

## Scholarships and Awards

- 2018– **Einstein Center for Neurosciences scholarship**.  
PhD scholarship awarded by the Einstein Center for Neurosciences.
- 2017 **Förderpreis Osnabrück University**, *Bytro Labs GmbH*.  
Award for outstanding work in the field of cognitive science. Awarded for bachelor thesis with the title: "Neural Correlates of Multimodal Sensory Integration Between an Innate and an Augmented Sensory Modality".
- 2011 **DPG - Deutsche Physikalische Gesellschaft**.  
One year membership for excellent performance in the physics course during A levels.

## Teaching

- 11/2015–  
04/2018 **Tutor for "Action&Cognition 1" and "Action&Cognition 2" at Osnabrück University**, *Institute of Cognitive Science*.  
Giving weekly tutorials on theoretical and experimental neuroscience in the context of the visual system (Action&Cognition 1) and the motor system (Action&Cognition 2). Correcting homework and weekly quizzes as well as final exams. Writing a script of the content of the course for "Action&Cognition 1".

## Supervision

09/2019–01/2021 **Internship and Master's Thesis**, The Effect of Eye Movements on EEG Decoding.

## Open Science

10/2020– **Co-organizer ReproducibiliTea Journal Club Leipzig.**

## Technical Skills

### Programming Languages

Python, R, Matlab, LaTeX, bash.

### Research Skills

EEG (design, data acquisition, data analysis) , Eyetracking (design, data acquisition, data analysis), fMRI (design, data acquisition, data analysis), Deep Learning.

## Languages

**German:** native, **English:** fluent.