

Oliver Contier

CURRICULUM VITAE

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Current position

2019 – present PhD candidate within the Max Planck School of Cognition

Education

2018 MSc, Psychology – emphasis on Cognitive Neuroscience,
Otto-von-Guericke University Magdeburg, Germany

Master's thesis "Temporal dynamics and effective connectivity in the
distributed system of familiar face processing"
Supervisors: Prof. Michael Hanke, Prof. Yaroslav O. Halchenko

2014 BSc, Psychology, Trier University, Germany

Bachelor's thesis: "Top-down modulation of feature integration by
long-term memory"
Supervisors: Prof. Eva Walther, Dr. Katarina Blask

Research and clinical experience

2018 – 2019 Research associate, Department for Experimental Psychology, Otto-
von-Guericke University Magdeburg, Germany (Prof. Stefan
Pollmann)

2017 Research internship, Department of Psychological and Brain
Sciences, Dartmouth College, USA (Prof. James V. Haxby, Prof.
Yaroslav O. Halchenko)

2016 – 2017 Research assistant, Department of Experimental Psychology, Otto-
von-Guericke University Magdeburg, Germany (Prof. Stefan
Pollmann)

- 2014 – 2016 Visiting researcher, Department of Neurology, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany (Prof. Thomas H. Fritz)
- 2014 Clinical internship, Department of Neuropsychology, Neurological Rehabilitation Center Leipzig, Germany (Dr. Hendrik Niemann)
- 2012 – 2014 Student assistant, Department of Social Psychology, Trier University, Germany (Prof. Eva Walther)

Additional Courses and Workshops

- 2019 3rd Modelling Symposium: Introducing MultiVariate Pattern Analysis using CoSMoMVPA, Otto-von-Guericke University Magdeburg, Germany
- 2018 2nd Modelling Symposium: Introducing Basic and Advanced Bayesian Modelling, Otto-von-Guericke University Magdeburg, Germany
- 2018 Educational course “Pattern Recognition for NeuroImaging”, OHBM 2018 Annual Meeting, Singapore
- 2018 OHBM Brainhack 2018, Singapore
- 2017 Workshop “Action Understanding”, Dartmouth College, USA
- 2017 Summer school “Methods in Neuroscience at Dartmouth – MIND 2017”, Dartmouth College, USA
- 2014 Symposium “The Psychology of Crime-Related Radicalization”, Trier University, Germany

Methodological and software skills

- Data Analysis fMRI data analysis in Python (e.g. nipy, pymvpa, Nilearn) and other relevant software packages (FSL, AFNI). Statistical modelling in R (lme4, brms).
- Scientific computing High performance cluster computing (Condor and PBS).
- Data and code management Strong emphasis on reproducibility and collaboration, version control for data (datalad), code (Git, GitHub), and execution environments (singularity, docker).

Stipends

2019 – 2020	Doctoral scholarship of the Max Planck School of Cognition, Max Planck Society
2017	PROMOS scholarship, German Academic Exchange Service (DAAD)

Languages

German	Native Language
English	Reading (excellent), speaking (fluent), writing (excellent); TOEFL (iBT) score: 116/120

Peer-reviewed publications

- Fritz, T. H., Schütte, F., Steixner, A., **Contier, O.**, Obrig, H., Villringer, A. (2019). Musical meaning modulates word acquisition. *Brain and Language*.
<https://doi.org/10.1016/j.bandl.2018.12.001>
- Fritz, T. H., Bowling, D. L., **Contier, O.**, Grant, J., Schneider, L., Lederer, A., Hoer, F., Busch, E., & Villringer, A. (2018). Musical agency during exercise decreases pain. *Frontiers in Psychology*. <https://doi.org/10.3389/fpsyg.2017.02312>
- Sharifian, F., **Contier, O.**, Preuschhof, C., & Pollmann, S. (2017). Reward modulation of contextual cueing: Repeated context overshadows repeated target location. *Attention, Perception, & Psychophysics*, 79(7), 1871-1877. <https://doi.org/10.3758/s13414-017-1397-3>

Conference posters

- Contier, O.**, Kuehn, E., Hanke, M. (2020, June). *Shared response modelling of somatosensory digit representations using 7-t fMR*. Organization for Human Brain Mapping (OHBM) 2020 Annual Meeting, Montreal. <https://doi.org/10.5281/zenodo.3894834>
- Contier, O.**, Visconti di Oleggio Castello, M., Gobbini, M. I., Halchenko, Y. O. (2018, June). *Temporal dynamics and effective connectivity in the distributed system of familiar face processing*. Organization for Human Brain Mapping (OHBM) 2018 Annual Meeting, Singapore. <http://dx.doi.org/10.13140/RG.2.2.17076.96640>