

Oliver Contier

CURRICULUM VITAE

Email: oliver.contier(at)ovgu.de

June 17, 2018

Current position

2018 – present PhD student and researcher, Department for Experimental Psychology, Otto-von-Guericke University Magdeburg, Germany

Education

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

Master's thesis "Temporal dynamics 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

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)
2012	Research internship, Department for Clinical and Physiological Psychology, Trier University, Germany (Prof. Dirk Hellhammer)

Additional Courses and Workshops

2018	Educational course “Pattern Recognition for NeuroImaging”, OHBM 2018 Annual Meeting, Singapore
2018	OHBM Brainhack 2018 (TrainTrack), Singapore
2018	BrainHack Magdeburg, Germany
2017	Workshop “Action Understanding”, Dartmouth College, USA
2017	Summer school (audited) “Methods in Neuroscience at Dartmouth – MIND 2017”, Dartmouth College, USA
2014	Symposium “The Psychology of Crime-Related Radicalization”, Trier University, Germany

Software and Methodological Skills

fMRI Data Analysis	Neuroimaging in python (e.g. nipy, pymvpa, nilearn) and other relevant software packages (FSL, AFNI).
Scientific computing	High performance cluster computing (Condor and PBS).
Experimental Programming	Computer based experimental and fMRI studies (MathWorks Matlab, Psychtoolbox, NeuroBehavioral Systems Presentation)
Data and code management	Emphasis on reproducibility and collaboration by sharing version controlled data (datalad), code (Git, GitHub), and execution environments (singularity, docker).

Languages

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

Stipends

2017	PROMOS scholarship, German Academic Exchange Service (DAAD)
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Peer-reviewed publications

- Fritz, T. H. , Bowling, D. L., **Contier, O.**, Grant, J., Schneider, L., Lederer, A., Hoer, F. , Busch, E., & Villringer, A. (accepted). Musical agency during exercise decreases pain. *Frontiers in Psychology*. doi: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.**, Visconti di Oleggio Castello, M., Gobbi, 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.