Oliver Contier

CURRICULUM VITAE

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Current position

2018 – present	PhD student, center for behavioral brain science (CBBS) graduate program, 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 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

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	"How to get published in English". Preparing scientific texts for publication, Otto-von-Guericke University Magdeburg, Germany
2018	2nd Bayes Symposium: Introducing Basic and Advanced Bayesian Modelling, Otto-von-Guericke University Magdeburg, Germany
2018	Educational course "Pattern Recognition for NeuroImaging", OHBM 2018 Annual Meeeting, 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

Methodological and software skills

Data Analysis	fMRI data analysis in Python (e.g. nipype, pymvpa, nilearn) and other relevant software packages (FSL, AFNI). Statistical modelling in R (lme4, brms).
Scientific computing	High performance cluster computing (Condor and PBS).
Experimental Programming	Psychopy, MathWorks Matlab (Psychtoolbox), NeuroBehavioral Systems Presentation.
Data and code management	Strong emphasis on reproducibility and collaboration, version control for 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)

Peer-reviewed publications

Fritz, T. H., Schuette, F., Steixner, A., **Contier, O.**, Obrig, H., Villringer, A. (accepted). Musical meaning modulates word acquisition. *Brain and Language*.

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., 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.