

CURRICULUM VITAE

PROF. DR. ULRIKE M. KRÄMER, DIPL.PSYCH.

Professor (W2) for Cognitive Neuroscience

*17.10.1979, Itzehoe (Germany)

Department of Neurology and Institute of Psychology II

University of Lübeck

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EDUCATION

- 2008 Dr.rer.nat. (Ph.D.), Otto-von-Guericke-University Magdeburg, supervisor:
Prof. Dr. Thomas F. Münte (*summa cum laude*)
- 2004 Diploma (M.Sc.) in psychology and philosophy, Philipps-University
Marburg
- 1999 Abitur (A-Level), Elmshorn

EMPLOYMENT

- 2014 - W2-Professor for Cognitive Neuroscience, Dept. of Neurology and Institute
of Psychology II, University of Lübeck
- 2012 - 2013 W1-Professor for Cognitive Neuroscience, Dept. of Neurology, University
of Lübeck
- 2011 - 2012 Senior Researcher at Dept. of Neurology, University of Lübeck
- 2009 - 2011 Post-doctoral Fellow at Helen Wills Neuroscience Institute, UC Berkeley
- 2006 Visiting researcher, University of Barcelona
- 2005 - 2006 Neuropsychologist (part-time) at the Neurology II, Otto-von-Guericke-
University Magdeburg
- 2008 - 2009 Post-doctoral researcher at Institute of Psychology II, Otto-von-Guericke
University Magdeburg
- 2004 - 2008 Research assistant (Ph.D. student) at Institute of Psychology II, Otto-von
Guericke University Magdeburg
- 2003 Intern at Max Planck Institute for Cognitive and Brain Sciences, Leipzig
- 2002 - 2004 Research assistant in the lab of Prof. Dr. Brigitte Röder and Prof. Dr. Frank
Rösler, Philipps-University Marburg

AWARDS AND HONORS

- 2014 kongressBotschafter of Lübeck (together with Rolf Verleger)
- 2012 Renate Maaß Neuroscience Research Award

- 2009 Fellowship Summer Institute in Cognitive Neuroscience, UC Santa Barbara, USA
- 2008 Young Scientist Award of the Biological Psychology and Neuropsychology Section of the German Society for Psychology (DGPs)

FUNDING

- 2019 – 2021 “Social events – an event coding approach to echophenomena in Gilles-de-la-Tourette Syndrome”, together with Sören Krach (Lübeck), funded by DFG (KR 3691/8-1); € 190.000
- 2018 Gentner Symposium “Understanding others – From psychological concepts to neural mechanisms”, together with Anat Perry (HUJI) and Sören Krach (Lübeck); supported by Minerva Foundation; € 30.000
- 2014 – 2018 “Generation of a reference cohort with extreme eating behavior”, together with Meike Kasten, Christine Klein, Georg Brabant, Jens Brüning, funded by DFG as part of SFB/TR 134; € 550.000
- 2013 – 2016 “Neural correlates of reactive aggression and their relation to socio-emotional responsivity”, with co-PI Thomas F. Münte, funded by DFG (KR 3691/5-1); € 193.000
- 2012 – 2015 Imaging Platform, Intramural funding by University of Lübeck (SPP4); € 82.500
- 2011 – 2013 “Neural correlates of reactive aggression”, Intramural funding by University of Lübeck (E36-2011); € 75.000
- 2009 – 2011 Post-doctoral Fellowship awarded by DFG (KR 3691/1-1); € 60.000

COLLABORATIONS

- Katja Bertsch Department of Psychiatry and Psychotherapy, University of Heidelberg
- Marcel Brass Department of Experimental Psychology, Ghent University
- Tom Denson School of Psychology, University of New South Wales
- Karin Roelofs Donders Institute and Behavioral Brain Institute, Radboud University, Nijmegen
- Robert Knight Helen Wills Neuroscience Institute, UC Berkeley
- Anat Perry Department of Psychology, Hebrew University of Jerusalem
- Anne-K. Solbakk Department of Psychology, University of Oslo
- Frederike Beyer Queen Mary University of London

MEMBERSHIPS

- Deutsche Gesellschaft für Psychologie (DGPs)
- Society for Neuroscience (SfN)
- European Society for Cognitive and Affective Neuroscience (ESCAN)
- Cognitive Neuroscience Society
- Deutscher Hochschulverband (DHV)
- International Society for Research on Aggression (ISRA)

EDITORIAL AND REVIEWER WORK

Associate Editor for *Frontiers in Psychiatry - Social Cognition*

Ad-hoc Reviewer for journals

including *Aggressive Behavior, Archives of General Psychiatry, Brain, Cerebral Cortex, Cortex, Cognitive Affective and Behavioral Neuroscience, Frontiers in Neuroscience, Human Brain Mapping, Journal of Neuroscience, Neuroimage, Neuroimage Clinical, Neuron, Neuropsychologia, PloS ONE, Social Cognitive and Affective Neuroscience, Social Neuroscience*

Reviewer for funding agencies

Deutsche Forschungsgemeinschaft (DFG), Research Foundation Flanders (FWO), Wissenschaftsfonds Austria (FWF), Suisse National Science Foundation (SNF), Volkswagen Stiftung, Else-Kröner Fresenius Foundation, Boehringer-Ingelheim Foundation

ACADEMIC SERVICE

- 2018 - Board member, Center for Brain, Behavior and Metabolism (CBBM), University of Lübeck
- 2014 - 2018 Member of Steering committee, SFB/TR134
- 2017 - Board member, Service Center for Lecturers, University of Lübeck
- 2017 - Deputy member, Board of examiners for second doctorate (Habilitation), University of Lübeck
- 2016 - Spokesperson, CBBM MRI steering committee, University of Lübeck
- 2013 - Member of Board of examiners, Psychology program, University of Lübeck

ORGANIZED CONFERENCES AND SYMPOSIA

- 2018 Gentner Symposium "Understanding Others. From Psychological Concepts to Neural mechanisms" at Hebrew University of Jerusalem, organized together with Anat Perry (HUJI) and Sören Krach (Lübeck)
- 2017 Annual Meeting of the German Society for Medical Psychology at University of Lübeck (member of Organizing Committee)
Symposium "Neuroscience" at the Annual Meeting of the German Society for Medical Psychology at University of Lübeck
2nd Meeting on "Perspectives and Future Directions in Social Neuroscience - Social Interaction from Rodents to Humans" at University of Lübeck, organized together with Sören Krach (Lübeck), Frieder Paulus (Lübeck), Markus Wöhr (Marburg)
- 2015 Symposium "Neuropsychology and Eating Behavior", Annual Meeting of the German Society for Neuropsychology, Lübeck
Symposium "Neurobiology of anger and aggression - from animal models to patient studies" (co-chair: K. Bertsch) at PuG, Frankfurt
- 2014 Conference "Psychologie und Gehirn" at University of Lübeck, organized together with Rolf Verleger

- 2013 Symposium „Neurobiologische Beiträge zu Grundlagen und Klinik aggressiven Verhaltens“ (co-chair: K. Bertsch) at the Annual Meeting of the German Society for Psychiatry and Psychotherapy, Berlin
- 2012 Symposium “Current perspectives on the neural basis of aggressive behavior” at the ISRA World Meeting, Luxembourg

INVITED TALKS

- 2019 Department of Experimental Psychology, Ghent University
- 2018 Department of Psychology, University Hamburg
Department of Psychiatry, University Clinic Aachen
Institute for Psychology, University of Bamberg
Symposium at ISRA World Meeting, Paris
- 2017 Department of Psychiatry, University Clinic of Heidelberg
Institute of Systems Neuroscience, University Clinic Hamburg
- 2016 Department of Psychology, University of Haifa
Netherlands Institute for Neuroscience, University of Amsterdam
Opening Symposium at the Center for Brain, Behavior and Metabolism, University of Lübeck
- 2015 Connectivity Workshop at Dept. for Psychology, University of Barcelona
- 2014 Dept. of Psychiatry, University Clinic Aachen
- 2013 GEO-PD conference, University of Lübeck
Department of Psychology, University of Hamburg
Symposium of Clinical Research group KFO256
- 2012 Department of Psychology, University of Oldenburg
Symposium at ESCAN Conference, Marseille
Donders Institute, University of Nijmegen
- 2011 Department of Psychology, University of Jena
- 2010 Department of Psychiatry and Psychotherapy, Charité Berlin
Department of Psychology, UC Berkeley
- 2009 Department of Radiology, UC San Francisco
Tagung experimentell arbeitender Psychologen, Jena, Germany

PUBLIC OUTREACH

- 2018 Winner, 3rd Rock-your-Life science slam, University of Lübeck
Invited speaker at Vernissage of “Wut” (Exhibition of HAW students) at Rote Flora, Hamburg
- 2017 Invited speaker at lecture series (“Weltanschauung - Denken und Digitalisieren“, St. Petri Church, Lübeck)
- 2016 Talk at schools outreach event (“Schülerforschungsgemeinschaft - Informatik trifft Psychologie“), University of Lübeck
- 2015 Talk at schools outreach event (“Schülerforschungsgemeinschaft - Hirn, Hormone, Handeln“), University of Lübeck
- 2013 Invited speaker at public science event (“Petrivision - Worte“), St. Petri Church, Lübeck

- 2012 Invited speaker at lecture series (“Symposium – Das Tier im Menschen”) at *Turm der Sinne*, Nürnberg
- 2009 Invited speaker at public science event (“Vom Darwinismus zur evolutionären Ethik”), Evangelische Akademie Loccum

TEACHING

since 2011: University of Lübeck

- 2016 – Seminar Neuropsychological assessment, B.Sc. Psychology
Seminar (elective) Psychology and film, B.Sc. and M.Sc. Psychology
- 2015 Seminar Neuropsychological assessment, M.Sc. Psychology
Seminar (elective) Problem-based learning, B.Sc. Psychology
Practical course on communication, Medicine (2nd Semester)
- 2014 Seminar Neuropsychological assessment, M.Sc. Psychology
Practical course on communication, Medicine (2nd Semester)
Seminar (elective) Cognitive neuroscience, M.Sc. Psychology
Seminar (elective) Problem-based learning, B.Sc. Psychology
- 2014 – Lecture Cognitive neuroscience, M.Sc. Psychology (*with colleagues*)
Lecture Basic psychology II (Learning, motivation and emotion), B.Sc. Psychology
- 2013 – Lecture Basic psychology I (Sensation and perception, cognition), B.Sc. Psychology
- 2013 Seminar Medical psychology, Medicine (3rd/4th Semester)
- 2012 Seminar Medical psychology, Medicine (3rd/4th Semester)
- 2011 – Lecture Medical psychology, Medicine (1st Semester) (*with colleagues*)

before 2009: Psychology Program at University of Magdeburg

- 2008 Seminar Cognitive neuroscience: Action monitoring
Practical course on experimentation in psychology
Clinical assessment (Lecture and Seminar)
Seminar Neuropsychological assessment
- 2007 Seminar Cognitive neuroscience: Meeting minds – Neuroscientific approaches to social cognition
Practical course on experimentation in psychology
Seminar Neuropsychological assessment
- 2006 Seminar Cognitive neuroscience: Sex, Drugs and Rock n`Roll – How the brain deals with rewards
Practical course on experimentation in psychology
- 2004 Seminar Cognitive neuroscience: On aggression

SUPERVISION AND MENTORING

POST-DOCTORAL FELLOWS

- 2018 – Macià Buades-Rotger
- 2016 – 2018 Elinor Tzvi (now University of Leipzig)
- 2014 – 2015 Frederike Beyer (now Queen Mary University of London)

DOCTORAL STUDENTS (DR.RER.NAT.)

- 2019 – Ronja Weiblen, Social cognition in Gilles-de-la-Tourette Syndrome
 2018 – Pauline Petereit, Social exclusion and aggressive behavior
 2014 – 2018 Matthias Liebrand, Neural mechanisms of proactive and reactive motor inhibition
 2014 – 2017 Macià Buades-Rotger, Understanding aggression episodes: novel experimental approaches
 2012 – 2016 Elinor Tzvi, Neural networks underlying implicit motor sequence learning
 2011 – 2014 Frederike Beyer, Human aggression: The role of the neural processing of social information

DOCTORAL STUDENTS (DR.MED.)

- 2014 - Estelle Kleefisch, Impulsivity and external eating behavior
 2017 - Fabian Koeth, Neural networks underlying motor adaptation
 2014 - 2018 Christin Engelke, Resting state connectivity of the basolateral amygdala and its relation to testosterone and aggression

M.SC. STUDENTS

- 2019 Paul Siegwardt, Effect of orbitofrontal lesions on resting-state networks
 Thomas Scheidt, Status effects on neural correlates of aggressive behavior
 2018 Ronja Weiblen, Influence of anger on mu suppression
 Nelly Dammann, Meta-analysis on anger and aggression therapy efficacy
 Birte Ellgoth, Effect of public and private provocation on aggressive behavior in an online-paradigm
 2017 Marlene Ronellenfitsch, Effect of anger on empathy and perspective-taking
 Katharina Kübel, Evaluation of the EmpaTom
 Kerstin Neubauer, How stress alters the perception and evaluation of food
 Katja Breiling, Effect of basal ganglia dysfunction on working memory and executive functions
 2016 Till Ulrich Keßler, Increased occipital alpha subserves motor sequence learning
 Leon Jasper Bauhaus, ERP correlates of implicit motor sequence learning
 2015 Donika Videva, Context effects on response inhibition and response change
 Melanie Schildmann, Self-conscious emotions in social interactions and the influence of personality traits on the experience of shame and pride
 Marie Luise Bussmann, Neural correlates of shame - an fMRI study
 Mohammad Reza Hamidian Savadkouhi, ERP-study on the role of the dorsolateral prefrontal cortex on error processing
 2012 Elinor Tzvi, Analysis of Phase Amplitude Coupling in Electroencephalography signals during "Go-NoGo" task
 2011 Yvonne Fonken, Response Inhibition and Motor Control - An ECoG study
 2010 Mauricio Rangel-Gomez, Investigating Inhibitory Motor Control Using Stop and Change Paradigms

- Daniela Wolter, Testing the Attention Network Task in neurological patients
- 2009 Julia Fischer, Inhibition and response adaptation in the stop-signal task
Anna Heinemann, Interaction of interference control and response inhibition – an ERP study
- 2008 Sabine Scholz, Validity and reliability of the Attention Network Task

B.SC. STUDENTS

- 2019 Jennifer Nabel, Influence of social stress on food perception
Greta Zschoche, Influence of control experience on aggression after social exclusion
Amelie Behm, Relationship between cognitive control and automatic imitation
André Seidel, Social event files – a novel paradigm to study imitation
Finn Moritz Borcharding, ERP effects of social exclusion
Lea Anghel, Effects of rejection sensitivity on learning from social feedback
Malte Naujokat, Cognitive and motivational processes underlying the effect of external eating behavior on body weight
Lisa Filter, Effect of external eating behavior on macronutrient consumption in a breakfast buffet
- 2018 Ulrike Klau, Effect of social exclusion on aggressive and avoidant behavior
- 2017 Mara Söker, Evaluating a novel anger induction paradigm
- 2016 Marie Claes, The best way to make people mad - A pilot study validating a novel anger induction paradigm

PUBLICATION RECORD

h-index: 30 (*Google Scholar*)

i10-index: 48

total n of citations: ~ 2500

total number of peer-reviewed articles: 70

(of which as first author: 10, as last author: 29)

PEER-REVIEWED ARTICLES

2019

Krause, C., Sievert, H., Geißler, C., Grohs, M., El Gammal, A.T., Wolter, S., Ohlei, O., Kilpert, F., Krämer, U.M., Kasten, M., Klein, C., Brabant, G.E., Mann, O., Lehnert, H., & Kirchner, H. (2019) Critical evaluation of the DNA-methylation markers ABCG1 and SREBF1 for Type 2 diabetes stratification. *Epigenomics*. 11(8), 885-897. doi: 10.2217/epi-2018-0159.

Serfling, G., Buades-Rotger, M., Harbeck, B., Krämer, U. M., & Brabant, G. (2019). The corticosteroid prednisolone increases amygdala and insula reactivity to food approach signals in healthy young men. *Psychoneuroendocrinology*, 99, 154-165. doi:10.1016/j.psyneuen.2018.09.007

2018

Buades-Rotger, M., & Krämer, U. M. (2018). From words to action: Implicit attention to antisocial semantic cues predicts aggression and amygdala reactivity to angry faces in healthy young women. *Aggress Behav*, 44(6), 624-637. doi:10.1002/ab.21787

Liebrand, M., Kristek, J., Tzvi, E., & Krämer, U. M. (2018). Ready for change: Oscillatory mechanisms of proactive motor control. *PLoS One*, 13(5), e0196855. doi:10.1371/journal.pone.0196855

Buades-Rotger, M., Engelke, C., & Krämer, U. M. (2018). Trait and state patterns of basolateral amygdala connectivity at rest are related to endogenous testosterone and aggression in healthy young women. *Brain Imaging Behav*. doi:10.1007/s11682-018-9884-2

Tzvi, E., Bauhaus, L. J., Kessler, T. U., Liebrand, M., Wostmann, M., & Krämer, U. M. (2018). Alpha-gamma phase amplitude coupling subserves information transfer during perceptual sequence learning. *Neurobiol Learn Mem*, 149, 107-117. doi:10.1016/j.nlm.2018.02.019

Denson, T. F., Blundell, K. A., Schofield, T. P., Schira, M. M., & Krämer, U. M. (2018). The neural correlates of alcohol-related aggression. *Cogn Affect Behav Neurosci*, 18(2), 203-215. doi:10.3758/s13415-017-0558-0

Münste, T. F., Ye, Z., Marco-Pallares, J., Krämer, U. M., Schüle, R., Schöls, L., . . . Rodriguez-Fornells, A. (2018). Dopamine and intertemporal choice in humans. *Zeitschrift für Neuropsychologie*, 28(2), 1-8.

2017

- Beyer, F., Buades-Rotger, M., Claes, M., & Krämer, U. M. (2017). Hit or Run: Exploring Aggressive and Avoidant Reactions to Interpersonal Provocation Using a Novel Fight-or-Escape Paradigm (FOE). *Front Behav Neurosci*, *11*, 190. doi:10.3389/fnbeh.2017.00190
- Beyer, F., Krämer, U. M.*, & Beckmann, C. F.* (2017). Anger-sensitive networks: characterizing neural systems recruited during aggressive social interactions using data-driven analysis. *Soc Cogn Affect Neurosci*, *12*(11), 1711-1719. doi:10.1093/scan/nsx117
- Tzvi, E., Zimmermann, C., Bey, R., Münte, T. F., Nitschke, M., & Krämer, U. M. (2017). Cerebellar degeneration affects cortico-cortical connectivity in motor learning networks. *Neuroimage Clin*, *16*, 66-78. doi:10.1016/j.nicl.2017.07.012
- Buades-Rotger, M., Beyer, F., & Krämer, U. M. (2017). Avoidant Responses to Interpersonal Provocation Are Associated with Increased Amygdala and Decreased Mentalizing Network Activity. *eNeuro*, *4*(3). doi:10.1523/ENEURO.0337-16.2017
- Liebrand, M., Pein, I., Tzvi, E., & Krämer, U. M. (2017). Temporal Dynamics of Proactive and Reactive Motor Inhibition. *Front Hum Neurosci*, *11*, 204. doi:10.3389/fnhum.2017.00204
- Gottlich, M., Ye, Z., Rodriguez-Fornells, A., Münte, T. F., & Krämer, U. M. (2017). Viewing socio-affective stimuli increases connectivity within an extended default mode network. *Neuroimage*, *148*, 8-19. doi:10.1016/j.neuroimage.2016.12.044
- Muller-Pinzler, L., Krach, S., Krämer, U. M., & Paulus, F. M. (2017). The Social Neuroscience of Interpersonal Emotions. *Curr Top Behav Neurosci*, *30*, 241-256. doi:10.1007/7854_2016_437
- Maier, O., Menze, B. H., von der Gablentz, J., Hani, L., Heinrich, M. P., Liebrand, M., . . . Reyes, M. (2017). ISLES 2015 - A public evaluation benchmark for ischemic stroke lesion segmentation from multispectral MRI. *Med Image Anal*, *35*, 250-269. doi:10.1016/j.media.2016.07.009
- 2016
- Buades-Rotger, M., Engelke, C., Beyer, F., Keevil, B. G., Brabant, G., & Krämer, U. M. (2016). Endogenous testosterone is associated with lower amygdala reactivity to angry faces and reduced aggressive behavior in healthy young women. *Sci Rep*, *6*, 38538. doi:10.1038/srep38538
- Tzvi, E., Verleger, R., Münte, T. F., & Krämer, U. M. (2016). Reduced alpha-gamma phase amplitude coupling over right parietal cortex is associated with implicit visuomotor sequence learning. *Neuroimage*, *141*, 60-70. doi:10.1016/j.neuroimage.2016.07.019
- Buades-Rotger, M., Serfling, G., Harbeck, B., Brabant, G., & Krämer, U. M. (2016). Prednisolone increases neural reactivity to negative socio-emotional stimuli in healthy young men. *Eur Neuropsychopharmacol*, *26*(7), 1176-1189. doi:10.1016/j.euroneuro.2016.04.010
- Gottlich, M., Jandl, N. M., Sprenger, A., Wojak, J. F., Münte, T. F., Krämer, U. M., & Helmchen, C. (2016). Hippocampal gray matter volume in bilateral vestibular failure. *Hum Brain Mapp*, *37*(5), 1998-2006. doi:10.1002/hbm.23152
- Buades-Rotger, M., Brunnlieb, C., Münte, T. F., Heldmann, M., & Krämer, U. M. (2016). Winning is not enough: ventral striatum connectivity during physical aggression. *Brain Imaging Behav*, *10*(1), 105-114. doi:10.1007/s11682-015-9370-z

Fonken, Y. M., Rieger, J. W., Tzvi, E., Crone, N. E., Chang, E., Parvizi, J., . . . Krämer, U. M. (2016). Frontal and motor cortex contributions to response inhibition: evidence from electrocorticography. *J Neurophysiol*, *115*(4), 2224-2236. doi:10.1152/jn.00708.2015

2015

Gottlich, M., Beyer, F., & Krämer, U. M. (2015). BASCO: a toolbox for task-related functional connectivity. *Front Syst Neurosci*, *9*, 126. doi:10.3389/fnsys.2015.00126

Gottlich, M., Krämer, U. M., Kordon, A., Hohagen, F., & Zurowski, B. (2015). Resting-state connectivity of the amygdala predicts response to cognitive behavioral therapy in obsessive compulsive disorder. *Biol Psychol*, *111*, 100-109. doi:10.1016/j.biopsycho.2015.09.004

Jandl, N. M., Sprenger, A., Wojak, J. F., Gottlich, M., Münte, T. F., Krämer, U. M., & Helmchen, C. (2015). Dissociable cerebellar activity during spatial navigation and visual memory in bilateral vestibular failure. *Neuroscience*, *305*, 257-267. doi:10.1016/j.neuroscience.2015.07.089

Tzvi, E., Stoldt, A., Witt, K., & Krämer, U. M. (2015). Striatal-cerebellar networks mediate consolidation in a motor sequence learning task: An fMRI study using dynamic causal modelling. *Neuroimage*, *122*, 52-64. doi:10.1016/j.neuroimage.2015.07.077

Mohammadi, B., Kollwe, K., Cole, D. M., Fellbrich, A., Heldmann, M., Samii, A., . . . Krämer, U. M. (2015). Amyotrophic lateral sclerosis affects cortical and subcortical activity underlying motor inhibition and action monitoring. *Hum Brain Mapp*, *36*(8), 2878-2889. doi:10.1002/hbm.22814

Rangel-Gomez, M., Knight, R. T., & Krämer, U. M. (2015). How to stop or change a motor response: Laplacian and independent component analysis approach. *Int J Psychophysiol*, *97*(3), 233-244. doi:10.1016/j.ijpsycho.2015.01.012

Maier, O., Wilms, M., von der Gablentz, J., Krämer, U. M., Münte, T. F., & Handels, H. (2015). Extra tree forests for sub-acute ischemic stroke lesion segmentation in MR sequences. *J Neurosci Methods*, *240*, 89-100. doi:10.1016/j.jneumeth.2014.11.011

Beyer, F., Münte, T. F., Gottlich, M., & Krämer, U. M. (2015). Orbitofrontal Cortex Reactivity to Angry Facial Expression in a Social Interaction Correlates with Aggressive Behavior. *Cereb Cortex*, *25*(9), 3057-3063. doi:10.1093/cercor/bhu101

Beyer, F., Krämer, U. M., & Beckmann, C. F. (2015). Neuronale Netzwerke aggressiver Interaktion und Furchtreaktivität: Anwendung von Unabhängigkeitsanalysen in den sozialen Neurowissenschaften. *Klinische Neurophysiologie*, *46*, 103-105.

2014

Gottlich, M., Krämer, U. M., Kordon, A., Hohagen, F., & Zurowski, B. (2014). Decreased limbic and increased fronto-parietal connectivity in unmedicated patients with obsessive-compulsive disorder. *Hum Brain Mapp*, *35*(11), 5617-5632. doi:10.1002/hbm.22574

Beyer, F., Münte, T. F., Wiechert, J., Heldmann, M., & Krämer, U. M. (2014). Trait aggressiveness is not related to structural connectivity between orbitofrontal cortex and amygdala. *PLoS One*, *9*(6), e101105. doi:10.1371/journal.pone.0101105

Gottlich, M., Jandl, N. M., Wojak, J. F., Sprenger, A., von der Gablentz, J., Münte, T. F., . . . Helmchen, C. (2014). Altered resting-state functional connectivity in patients with

- chronic bilateral vestibular failure. *Neuroimage Clin*, 4, 488-499. doi:10.1016/j.nicl.2014.03.003
- Tzvi, E., Münte, T. F., & Krämer, U. M. (2014). Delineating the cortico-striatal-cerebellar network in implicit motor sequence learning. *Neuroimage*, 94, 222-230. doi:10.1016/j.neuroimage.2014.03.004
- Solbakk, A. K., Funderud, I., Lovstad, M., Endestad, T., Meling, T., Lindgren, M., . . . Krämer, U. M. (2014). Impact of orbitofrontal lesions on electrophysiological signals in a stop signal task. *J Cogn Neurosci*, 26(7), 1528-1545. doi:10.1162/jocn_a_00561
- Beyer, F., Münte, T. F., & Krämer, U. M. (2014). Increased neural reactivity to socio-emotional stimuli links social exclusion and aggression. *Biol Psychol*, 96, 102-110. doi:10.1016/j.biopsycho.2013.12.008
- Beyer, F., Münte, T. F., Erdmann, C., & Krämer, U. M. (2014). Emotional reactivity to threat modulates activity in mentalizing network during aggression. *Soc Cogn Affect Neurosci*, 9(10), 1552-1560. doi:10.1093/scan/nst146
- Durschmid, S., Quandt, F., Krämer, U. M., Hinrichs, H., Heinze, H. J., Schulz, R., . . . Knight, R. T. (2014). Oscillatory dynamics track motor performance improvement in human cortex. *PLoS One*, 9(2), e89576. doi:10.1371/journal.pone.0089576
- 2013
- Krämer, U. M., Solbakk, A. K., Funderud, I., Lovstad, M., Endestad, T., & Knight, R. T. (2013). The role of the lateral prefrontal cortex in inhibitory motor control. *Cortex*, 49(3), 837-849. doi:10.1016/j.cortex.2012.05.003
- Brunnlieb, C., Münte, T. F., Krämer, U., Tempelmann, C., & Heldmann, M. (2013). Vasopressin modulates neural responses during human reactive aggression. *Soc Neurosci*, 8(2), 148-164. doi:10.1080/17470919.2013.763654
- Gottlich, M., Münte, T. F., Heldmann, M., Kasten, M., Hagenah, J., & Krämer, U. M. (2013). Altered resting state brain networks in Parkinson's disease. *PLoS One*, 8(10), e77336. doi:10.1371/journal.pone.0077336
- 2012
- Beyer, F., Münte, T. F., Fischer, J., & Krämer, U. M. (2012). Neural aftereffects of errors in a stop-signal task. *Neuropsychologia*, 50(14), 3304-3312. doi:10.1016/j.neuropsychologia.2012.10.007
- Lovstad, M., Funderud, I., Meling, T., Krämer, U. M., Voytek, B., Due-Tonnessen, P., . . . Solbakk, A. K. (2012). Anterior cingulate cortex and cognitive control: neuropsychological and electrophysiological findings in two patients with lesions to dorsomedial prefrontal cortex. *Brain Cogn*, 80(2), 237-249. doi:10.1016/j.bandc.2012.07.008
- Cunillera, T., Fuentemilla, L., Perianez, J., Marco-Pallares, J., Krämer, U. M., Camara, E., . . . Rodriguez-Fornells, A. (2012). Brain oscillatory activity associated with task switching and feedback processing. *Cogn Affect Behav Neurosci*, 12(1), 16-33. doi:10.3758/s13415-011-0075-5
- 2011
- Rodriguez-Fornells, A., Krämer, U. M., Lorenzo-Seva, U., Festman, J., & Münte, T. F. (2011).

- Self-assessment of individual differences in language switching. *Front Psychol*, 2, 388. doi:10.3389/fpsyg.2011.00388
- Richter, S., Gorny, X., Marco-Pallares, J., Krämer, U. M., Machts, J., Barman, A., . . . Schott, B. H. (2011). A Potential Role for a Genetic Variation of AKAP5 in Human Aggression and Anger Control. *Front Hum Neurosci*, 5, 175. doi:10.3389/fnhum.2011.00175
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BOOK CHAPTER

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POSTER

(first and last author position)

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|------|---|
| 2019 | Society for Neuroscience, Chicago
Psychologie und Gehirn, Dresden
Cognitive Neuroscience Society Meeting, San Francisco
Workshop Understanding Others, München |
| 2018 | Aggression Workshop, Berlin
Symposium Understanding Others, Jerusalem |
| 2017 | International Conference for Cognitive Neuroscience, Amsterdam
Jahrestagung der Gesellschaft für Medizinische Psychologie
Wissenschaftliche Jahrestagung der DGKN |
| 2016 | European Society for Cognitive and Affective Neuroscience, Porto
Cognitive Neuroscience Society, New York |
| 2014 | Human Brain Mapping, Hamburg
Psychologie und Gehirn, Lübeck
Wissenschaftliche Jahrestagung der DGKN |
| 2013 | Human Brain Mapping, Seattle |
| 2012 | Society for Neuroscience, New Orleans |
| 2011 | International Conference for Cognitive Neuroscience, Palma de Mallorca |
| 2010 | The Frontal Lobes, Toronto
Society for Neuroscience, San Diego |
| 2009 | Society for Neuroscience, Chicago |
| 2008 | Foundations of Human Social Behavior, Zürich
International Conference for Cognitive Neuroscience, Bodrum |
| 2007 | Cognitive Neuroscience Society, New York |
| 2006 | Human Brain Mapping, Turin |