

CURRICULUM VITAE

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

Professor (W2) of Cognitive Neuroscience

*17.10.1979, Itzehoe (Germany)

Department of Neurology and Department of Psychology

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 of Cognitive Neuroscience, Dept. of Neurology and Dept. of
Psychology, University of Lübeck
- 2012 – 2013 W1-Professor of 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
- 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 (CNS)
- 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, Brain, Cerebral Cortex, Cortex, Cognitive Affective and Behavioral Neuroscience, eLife, 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), Academy of Finland, Volkswagen Stiftung, Else-Kröner Fresenius Foundation, Boehringer-Ingelheim Foundation

ACADEMIC SERVICE

- 2020 – Board member, Center for Doctoral Studies, University of Lübeck
- 2020 – Member of Board of examiners, Master Auditory Technology program, University of Lübeck
- 2019 – Member of Ethics committee, University of Lübeck
- 2018 – Board member, Center of 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

- 2014 Symposium "Neurobiology of anger and aggression – from animal models to patient studies" (co-chair: K. Bertsch) at PuG, Frankfurt
 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

- 2020 Symposium at FENS Virtual Forum 2020, Glasgow
 Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig
 (cancelled due to COVID-19)
 Department of Psychology, Ludwig-Maximilians-University of Munich
- 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

- 2021 - Seminar (elective) Emotion psychology, B.Sc. Psychology
- 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

2004 Practical course on experimentation in psychology
 Seminar Cognitive neuroscience: On aggression

SUPERVISION AND MENTORING

POST-DOCTORAL FELLOWS

2020 - Tatiana Goregliad
 2018 - 2020 Macià Buades-Rotger (now Donders Institute, Nijmegen)
 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
 2018 - Pauline Petereit
 2014 - Miriam Neis
 2014 - 2018 Matthias Liebrand
 2014 - 2017 Macià Buades-Rotger
 2012 - 2016 Elinor Tzvi
 2011 - 2014 Frederike Beyer

DOCTORAL STUDENTS (DR.MED.)

2019 - Izabelle Domoszlai
 2017 - Fabian Koeth
 2014 - 2020 Estelle Kleefisch
 2014 - 2018 Christin Engelke

M.SC. STUDENTS

2021 Calina Augustin
 Greta Zschoche
 Malin Heinzl
 Marija Schumowitsch
 Nele von Hörsten
 Nikolas Makowka
 2020 Lou Maria Tomczak
 Marthe Mieling
 2019 Paul Siegwardt
 Thomas Scheidt
 2018 Ronja Weiblen
 Nelly Dammann
 Birte Ellgoth
 2017 Marlene Ronellenfitsch
 Katharina Kübel
 Kerstin Neubauer
 Katja Breiling
 2016 Till Ulrich Keßler
 Leon Jasper Bauhaus

2015	Donika Videva Melanie Schildmann Marie Luise Bussmann Mohammad Reza Hamidian Savadkouhi
2012	Elinor Tzvi
2011	Yvonne Fonken
2010	Mauricio Rangel-Gomez Daniela Wolter
2009	Julia Fischer Anna Heinemann
2008	Sabine Scholz

B.SC. STUDENTS

2021	Annemarie Scharnweber Celina Maevers Leah Reinicke Lena Badtke Madlen Janow Malte Krämer Antonia von der Reidt
2020	Jasmine Thurley Laura Sachsenhauser Ellyn Saenger Annina Bonness Nina Giercke
2019	Jennifer Nabel Greta Zschoche Amelie Behm André Seidel Finn Moritz Borcharding Lea Anghel Malte Naujokat
2018	Lisa Filter Ulrike Klau
2017	Mara Söker
2016	Marie Claes

PUBLICATION RECORD

h-index: 34 (*Google Scholar*)

i10-index: 57

total n of citations: ~ 3500

total number of peer-reviewed articles: 80

(of which as first author: 10, as last author: 36)

PEER-REVIEWED ARTICLES

2021

Buades-Rotger, M., Gottlich, M., Weiblen, R., Petereit, P., Scheidt, T., Keevil, B.G., & Krämer, U.M. (2021). Low Competitive Status Elicits Aggression in Healthy Young Men: Behavioral and Neural Evidence. *Social cognitive and affective neuroscience*

Buades-Rotger, M., Solbakk, A.-K., Liebrand, M., Endestad, T., Funderud, I., Siegwardt, P., Enter, D., Roelofs, K., & Krämer, U.M. (2021). Patients with Ventromedial Prefrontal Lesions Show an Implicit Approach Bias to Angry Faces. *Journal of cognitive neuroscience*, 1-13.

Kahkonen, J.E., Krämer, U.M., Buades-Rotger, M., & Beyer, F. (2021). Regulating interpersonal stress: the link between heart-rate variability, physical exercise and social perspective taking under stress. *Stress*, 1-10.

Liebrand, M., Solbakk, A.K., Funderud, I., Buades-Rotger, M., Knight, R.T., & Krämer, U.M. (2021). Intact Proactive Motor Inhibition after Unilateral Prefrontal Cortex or Basal Ganglia Lesions. *Journal of cognitive neuroscience*, 1-18.

2020

Liebrand, M., Karabanov, A., Antonenko, D., Floel, A., Siebner, H. R., Classen, J., . . . Krämer, U. M., & Tzvi, E. (2020). Beneficial effects of cerebellar tDCS on motor learning are associated with altered putamen-cerebellar connectivity: A simultaneous tDCS-fMRI study. *Neuroimage*, 223, 117363. doi:10.1016/j.neuroimage.2020.117363

Tzvi, E., Koeth, F., Karabanov, A. N., Siebner, H. R., & Krämer, U. M. (2020). Cerebellar - premotor cortex interactions underlying visuomotor adaptation. *Neuroimage*, 220, 117142. doi:10.1016/j.neuroimage.2020.117142

Göttlich, M., Westermair, A. L., Beyer, F., Bussmann, M. L., Schweiger, U., & Krämer, U. M. (2020). Neural basis of shame and guilt experience in women with borderline personality disorder. *Eur Arch Psychiatry Clin Neurosci*, 270(8), 979-992. doi:10.1007/s00406-020-01132-z

Uter, J. C., Krämer, U. M., Schöls, L., Rodriguez-Fornells, A., Göbel, A., Heldmann, M., . . . Münte, T. F. (2019). Single Nucleotide Polymorphisms in Thyroid Hormone Transporter Genes MCT8, MCT10 and Deiodinase DIO2 Contribute to Inter-Individual Variance of Executive Functions and Personality Traits. *Experimental and Clinical Endocrinology & Diabetes*, 28(9), 573-581. doi:10.1055/a-1065-1786

2019

Buades-Rotger, M., Engelke, C., & Krämer, U. M. (2019). Trait and state patterns of

- basolateral amygdala connectivity at rest are related to endogenous testosterone and aggression in healthy young women. *Brain imaging and behavior*, 13(2), 564-576.
- 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.
- Krause, C., Sievert, H., Geißler, C., Grohs, M., El Gammal, A. T., Wolter, S., . . . Kirchner, H. (2019). Critical evaluation of the DNA-methylation markers ABCG1 and SREBF1 for Type 2 diabetes stratification. *Epigenomics* (0).
- Keute, M., Barth, D., Liebrand, M., Heinze, H.-J., Kraemer, U., & Zaehle, T. (2019). Effects of Transcutaneous Vagus Nerve Stimulation (tVNS) on Conflict-Related Behavioral Performance and Frontal Midline Theta Activity. *Journal of Cognitive Enhancement*, 1-10.
- Weiblen, R., Jonas, M., Krach, S., & Krämer, U. M. (2019). Social Cognition in Gilles de la Tourette Syndrome. *Zeitschrift Fur Neuropsychologie*.

2018

- Denson, T. F., Blundell, K. A., Schofield, T. P., Schira, M. M., & Krämer, U. M. (2018). The neural correlates of alcohol-related aggression. *Cognitive, Affective, & Behavioral Neuroscience*, 18(2), 203-215.
- Tzvi, E., Bauhaus, L. J., Kessler, T. U., Liebrand, M., Wöstmann, M., & Krämer, U. M. (2018). Alpha-gamma phase amplitude coupling subserves information transfer during perceptual sequence learning. *Neurobiology of learning and memory*, 149, 107-117.
- Liebrand, M., Kristek, J., Tzvi, E., & Krämer, U. M. (2018). Ready for change: Oscillatory mechanisms of proactive motor control. *PLoS One*, 13(5), e0196855.
- Münte, T. F., Ye, Z., Marco-Pallarés, J., Krämer, U. M., Schüle, R., Schöls, L., . . . Cucurell, D. (2018). Dopamine and intertemporal choice in humans. *Zeitschrift Fur Neuropsychologie*.
- 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. *Aggressive Behavior*, 44(6), 624-637.

2017

- Maier, O., Menze, B. H., von der Gablentz, J., Häni, L., Heinrich, M. P., Liebrand, M., . . . Chen, L. (2017). ISLES 2015-A public evaluation benchmark for ischemic stroke lesion segmentation from multispectral MRI. *Medical image analysis*, 35, 250-269.
- Göttlich, 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.
- Liebrand, M., Pein, I., Tzvi, E., & Krämer, U. M. (2017). Temporal dynamics of proactive and reactive motor inhibition. *Front Hum Neurosci*, 11, 204.
- 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: Clinical*, 16, 66-78.
- 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).
- 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.
- 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.

2016

- 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 and behavior*, 10(1), 105-114.
- Göttlich, 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.
- 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.
- Müller-Pinzler, L., Krach, S., Krämer, U. M., & Paulus, F. M. (2016). The social neuroscience of interpersonal emotions *Social behavior from rodents to humans* (pp. 241-256): Springer, Cham.
- 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. *European Neuropsychopharmacology*, 26(7), 1176-1189.
- 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.
- 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. *Scientific Reports*, 6, 38538.

2015

- 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. *Journal of Neuroscience Methods*, 240, 89-100.
- Rangel-Gomez, M., Knight, R. T., & Krämer, U. M. (2015). How to stop or change a motor response: Laplacian and independent component analysis approach. *International Journal of Psychophysiology*, 97(3), 233-244.
- 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.
- Beyer, F., Krämer, U., & Beckmann, C. (2015). Neuronale Netzwerke aggressiver Interaktion und Furchtreaktivität: Anwendung von Unabhängigkeitsanalysen in den sozialen Neurowissenschaften. *Klinische Neurophysiologie*, 46(02), 103-105.
- Tzvi, E., Stoldt, A., Witt, K., & Krämer, U. M. (2015). Striatum-cerebellar networks mediate consolidation in a motor sequence learning task: an fMRI study using dynamic causal modelling. *Neuroimage*, 122, 52-64.
- Jandl, N., Sprenger, A., Wojak, J., Göttlich, M., Münte, T., Krämer, U., & Helmchen, C. (2015). Dissociable cerebellar activity during spatial navigation and visual memory in bilateral vestibular failure. *Neuroscience*, 305, 257-267.
- Göttlich, M., Beyer, F., & Krämer, U. (2015). BASCO: a toolbox for task-related functional connectivity. *Front Syst Neurosci*, 9, 126.
- Göttlich, 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.

2014

- 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.
- Solbakk, A.-K., Funderud, I., Løvstad, 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.
- Dürschmid, 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.
- Tzvi, E., Münte, T. F., & Krämer, U. M. (2014). Delineating the cortico-striatal-cerebellar network in implicit motor sequence learning. *Neuroimage*, 94, 222-230.
- Göttlich, 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: Clinical*, 4, 488-499.
- Beyer, F., Münte, T. F., Göttlich, M., & Krämer, U. M. (2014). Orbitofrontal cortex reactivity to angry facial expression in a social interaction correlates with aggressive behavior. *Cereb Cortex*, 25(9), 3057-3063.
- 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.
- Göttlich, 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.

2013

- Krämer, U. M., Solbakk, A.-K., Funderud, I., Løvstad, M., Endestad, T., & Knight, R. T. (2013). The role of the lateral prefrontal cortex in inhibitory motor control. *Cortex*, 49(3), 837-849.
- 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.
- Beyer, F., Münte, T. F., Erdmann, C., & Krämer, U. M. (2013). Emotional reactivity to threat modulates activity in mentalizing network during aggression. *Soc Cogn Affect Neurosci*, 9(10), 1552-1560.
- Göttlich, 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.

2012

- Cunillera, T., Fuentemilla, L., Periañez, J., Marco-Pallarès, J., Krämer, U. M., Càmarà, E., . . . Rodríguez-Fornells, A. (2012). Brain oscillatory activity associated with task switching and feedback processing. *Cognitive, Affective, & Behavioral Neuroscience*, 12(1), 16-33.
- Rodríguez-Fornells, A., Kramer, U., Lorenzo-Seva, U., Festman, J., & Münte, T. F. (2012). Self-assessment of individual differences in language switching. *Front Psychol*, 2, 388.
- Løvstad, M., Funderud, I., Meling, T., Krämer, U., Voytek, B., Due-Tønnessen, 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.

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.

2011

Krämer, U. M., Knight, R. T., & Münte, T. F. (2011). Electrophysiological evidence for different inhibitory mechanisms when stopping or changing a planned response. *J Cogn Neurosci*, 23(9), 2481-2493.

Richter, S., Gorny, X., Marco-Pallarés, J., Krämer, U. M., Machts, J., Barman, A., . . . Rodriguez-Fornells, A. (2011). A potential role for a genetic variation of AKAP5 in human aggression and anger control. *Front Hum Neurosci*, 5, 175.

Wiswede, D., Taubner, S., Münte, T. F., Roth, G., Strüber, D., Wahl, K., & Krämer, U. M. (2011). Neurophysiological correlates of laboratory-induced aggression in young men with and without a history of violence. *PLoS One*, 6(7), e22599.

Krämer, U. M., Riba, J., Richter, S., & Münte, T. F. (2011). An fMRI study on the role of serotonin in reactive aggression. *PLoS One*, 6(11), e27668.

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POSTER

(first and last author position)

- 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