

## 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

ulrike.kraemer@uni-luebeck.de

### 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
- 2008 – 2009 Post-doctoral researcher at Institute of Psychology II, Otto-von-Guericke  
University Magdeburg
- 2006 Visiting researcher, University of Barcelona
- 2005 – 2006 Neuropsychologist (part-time) at the Neurology II, Otto-von-Guericke-  
University Magdeburg
- 2004 – 2008 Researcher (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); total funding: € 380.000
- 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; total funding: € 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); total funding: € 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 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* Journal of Neuroscience, eLife, Neuron, Cerebral Cortex, Cortex, Human Brain Mapping, Neuroimage, Neuroimage Clinical, Cognitive Affective and Behavioral Neuroscience, Brain, Journal of Cognitive Neuroscience, Aggressive Behavior, Frontiers in Neuroscience, 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

- 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**

- 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, 3<sup>rd</sup> 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 - 2019 Seminar (elective) Psychology and film, B.Sc. and M.Sc. Psychology
- 2015 Seminar (elective) Problem-based learning, B.Sc. Psychology  
Practical course on communication, Medicine (2<sup>nd</sup> Semester)
- 2014 - 2021 Seminar Neuropsychological assessment, B.Sc. Psychology
- 2014 Practical course on communication, Medicine (2<sup>nd</sup> Semester)  
Seminar (elective) Cognitive neuroscience, M.Sc. Psychology
- 2014 - 2015 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 (3<sup>rd</sup>/4<sup>th</sup> Semester)
- 2012 Seminar Medical psychology, Medicine (3<sup>rd</sup>/4<sup>th</sup> Semester)
- 2011 - 2019 Lecture Medical psychology, Medicine (1<sup>st</sup> 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

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 – Isabelle Domoszlai  
2017 – 2022 Fabian Koeth  
2014 – 2020 Estelle Kleefisch  
2014 – 2018 Christin Engelke

## M.SC. STUDENTS/B.SC. STUDENTS

since 2006 > 20 B.Sc. and > 20 M.Sc. theses supervised

**PUBLICATION RECORD**

h-index: 36 (*Google Scholar*)

i10-index: 61

total n of citations: ~ 3900

total number of peer-reviewed articles: 84

(of which as first author: 10, as last author: 37)

**PEER-REVIEWED ARTICLES**

2021

Sun, Y. V., Li, C., Hui, Q., Huang, Y., Barbano, R., Rodriguez, R., Malaty, I. A., Reich, S., Bamarger, K., Holmes, K., Jankovic, J., Patel, N. J., Roze, E., Vidailhet, M., Berman, B. D., LeDoux, M. S., Espay, A. J., Agarwal, P., Pirio-Richardson, S., . . . Jinnah, H. A. (2021). A Multi-center Genome-wide Association Study of Cervical Dystonia. *Mov Disord*

Weiblen, R., Mairon, N., Krach, S., Buades-Rotger, M., Nahum, M., Kanske, P., Perry, A., & Krämer, U.M. (2021). The influence of anger on empathy and theory of mind. *Plos One*

Schubert, C., Dabbagh, A., Classen, J., Krämer, U.M., & Tzvi, E. (2021). Alpha oscillations modulate premotor-cerebellar connectivity in motor learning: insights from transcranial alternating current stimulation. *Neuroimage*

Tzvi, E., Bey, R., Nitschke, M., Brüggemann, N., Classen, J., Münte, T. F., Krämer, U. M., & Rumpf, J. J. (2021). Motor Sequence Learning Deficits in Idiopathic Parkinson's Disease Are Associated With Increased Substantia Nigra Activity. *Front Aging Neurosci*, 13, 685168. <https://doi.org/10.3389/fnagi.2021.685168>

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*, 16(11): 1123-1137

Buades-Rotger, M., Solbakk, A.-K., Liebrand, M., Endestad, T., Funderud, I., Siegwandt, 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). Striatal-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., Càmara, 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.

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**MONOGRAPHS**

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**BOOK CHAPTER**

Münste, T. F., & Krämer, U. M. (2014). Psychophysik. In H. C. Pape, A. Kurtz, & S. Silbernagl (Eds.), *Physiologie* (Vol. 7, pp. 941-947). Stuttgart: Thieme.

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**POSTER**

(first and last author position)

2021	Cognitive Neuroscience Society Meeting
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