

PUBLICATIONS

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ORIGINAL ARTICLES:

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Chavanne, A. V., Meinke, C., Langhammer, T., Roesmann, K., Boehnlein, J., Gathmann, B., ..., Leehr, E. J.*, **Hilbert, K.*** (2023). Individual-level prediction of exposure therapy outcome using structural and functional MRI data in spider phobia: a machine-learning study. *Depression and Anxiety*, 8594273. (JCR 2021, 2-year IF: 8.128) [[DOI](#)] [[Open Scripts](#)]
**both authors contributed equally*

Hornstein, S., Zantvoort, K., Lueken, U., Funk, B., **Hilbert, K.** (2023). Personalization Strategies in Digital Mental Health Interventions: A Systematic Review and Conceptual Framework for Depressive Symptoms. *Frontiers in Digital Health*, 5, 1170002. [[DOI](#)] [[Preregistration](#)]

Groenewold, N. A., Bas-Hoogendam, J. M., Amod, A. R., Laansma, M. A., Van Velzen, L. S., Aghajani, M., **Hilbert, K.**, ..., Van der Wee, N. J. A. (2023). Volume of subcortical brain regions in social anxiety disorder: mega-analytic results from 37 samples in the ENIGMA-Anxiety working group. *Molecular Psychiatry*, 28, 1079–1089. (JCR 2021, 5-year IF: 14.153) [[DOI](#)]

2022

Langhammer, T., Peters, C., Ertle, A., **Hilbert, K.**, Lueken, U. (2022). Impact of COVID-19 pandemic related stressors on patients with anxiety disorders: A cross-sectional study. *PLOS One*, 17(8), e0272215. (JCR 2020, 2-year IF: 3.240) [[DOI](#)] [[Clinical Trial Registration](#)]

Hilbert, K., Boeken, O., Asbrand, J., Seemann, S., Langhammer, T., Praxl, B., Horváth, L., Ertle, A., Lueken, U. (2022). Who is seeking help for psychological distress associated with the COVID-19 pandemic? Characterization of risk factors in 1269 participants accessing low-threshold psychological help. *PLoS ONE*, 17(7), e0271468. (JCR 2020, 2-year IF: 3.240) [[DOI](#)] [[Clinical Trial Registration](#)] [[Methods Paper](#)]

Teismann, T., **Hilbert, K.**, Forkmann, T. (2022). Prädiktion suizidalen Verhaltens: Von der klinischen Urteilsbildung zur künstlichen Intelligenz. *Nervenheilkunde*, 41, 253-257. [[DOI](#)]

Roesmann, K., Leehr, E. J., Böhnlein, J., Steinberg, C., Seeger, F., Schwarzmeier, H., ..., **Hilbert, K.**, Straube,

T., Junghöfer, M. (2022). Behavioral and Magnetoencephalographic Correlates of Fear Generalization Are Associated with Responses to Later Virtual Reality Exposure Therapy in Spider Phobia. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 7(2), 221-230. (JCR 2020, 5-year IF: 5.998) [\[DOI\]](#) [\[Preprint\]](#) [\[Methods Paper\]](#) [\[Clinical Trial Registration\]](#)

Bas-Hoogendam, J. M., Groenewold, N. A., Aghajani, M., Freitag, G. F., Harrewijn, A., **Hilbert, K.**, Jahanshad, N., ... van der Wee, N. J. A., Stein, D. J. (2022). ENIGMA-anxiety working group: Rationale for and organization of large-scale neuroimaging studies of anxiety disorders. *Human Brain Mapping*, 43(1), 83-112. (JCR 2020, 5-year IF: 5.085) [\[DOI\]](#)

Zugman, A., Harrewijn, A., Cardinale, E. M., Zwiebel, H., Freitag, G. F., Werwath, K. E., ... **Hilbert, K.**, ... Pine, D. S., Winkler, A. M. (2022). Mega-analysis methods in ENIGMA: The experience of the generalized anxiety disorder working group. *Human Brain Mapping*, 43(1), 255-277. (JCR 2020, 5-year IF: 5.085) [\[DOI\]](#) [\[Preprint\]](#)

2021

Hornstein, S., Forman-Hoffman, V., Nazander, A., Ranta, K., **Hilbert, K.** (2021). Predicting Therapy Outcome in a Digital Mental Health Intervention for Depression and Anxiety: A Machine Learning Approach. *Digital Health*, 7, 1-11. (JCR 2021, 5-year IF: 4.249) [\[DOI\]](#) [\[Preprint\]](#)

Langhammer, T.*, **Hilbert, K.***, Praxl, B., Kirschbaum, C., Ertle, A., Asbrand, J.*, Lueken, U.* (2021). Mental health trajectories of individuals and families during the COVID-19 pandemic: Study protocol of a longitudinal investigation and indicated prevention program. *Mental Health & Prevention*, 24, 200221. (JCR 2020, 5-year IF: 1.171)
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Hilbert, K., Ertle, A. (2021). Zu Risiken und Nebenwirkungen...? Anregung zur Diskussion über potentielle Nebenwirkungen klinisch-psychologischer Diagnostik in der Psychotherapie. *Verhaltenstherapie*, 31, 340-345. (JCR 2020, 1-year IF: 0.905) [\[DOI\]](#)

Harrewijn, A., Cardinale, E. M., Groenewold, N. A., Bas-Hoogendam, J. M., Aghajani, M., **Hilbert, K.**, ..., Winkler, A. M., Pine, D. S. (2021). Cortical and Subcortical Brain Structure in Generalized Anxiety Disorder – Findings from 28 research sites in the ENIGMA-Anxiety Working Group. *Translational Psychiatry*, 11, 502. (JCR 2020, 5-year IF: 7.097) [\[DOI\]](#) [\[Preregistration\]](#)

Leehr, E. J., Roesmann, K., Böhnlein, J., Dannlowski, U., Gathmann, B., Herrmann, M. J., ..., **Hilbert, K.** (2021). Clinical predictors of treatment response towards exposure therapy in virtual reality spider phobia: a machine learning and external cross-validation approach. *Journal of Anxiety Disorders*, 83, 102448. (JCR 2021, 2-year IF: 13.711) [\[DOI\]](#) [\[Methods Paper\]](#) [\[Clinical Trial Registration\]](#)

Blasco, M. S., Radua, J., Soriano-Mas, C., Gómez-Benlloch, A., Porta-Casteràs, D., Carulla, M., ..., **Hilbert, K.**, ..., Cardoner, N. (2021). Structural Brain Correlates in Major Depression, Anxiety Disorders and Post-traumatic Stress Disorder: A Voxel-Based Morphometry Meta-analysis. *Neuroscience and Biobehavioral Reviews*, 129, 269-281. (JCR 2021, 2-year IF: 9.052) [\[DOI\]](#)

Hilbert, K., Jacobi, T., Kunas, S. L., Elsner, B., Reuter, B., Lueken, U., Kathmann, N. (2021). Identifying CBT non-response among OCD outpatients: a machine-learning approach. *Psychotherapy Research*, 31(1), 52-62. (JCR 2020, 5-year IF: 4.124) [\[DOI\]](#)

Kunas, S. L., Lautenbacher, L., Lueken, U., **Hilbert, K.** (2021). Psychological Predictors of Cognitive-Behavioral Therapy Outcomes for Anxiety and Depressive Disorders in Children and Adolescents: A Systematic Review and Meta-Analysis. *Journal of Affective Disorders*, 278, 614-626. (JCR 2020, 5-year IF: 5.264) [\[DOI\]](#) [\[Preregistration\]](#) [\[Open Materials\]](#)

2020

Kunas, S. L., **Hilbert, K.**, Yang, Y., Richter, J., Hamm, A., Wittmann, A., Ströhle, A., ... Gerlach, A. L., Lueken, U. (2020). The modulating impact of cigarette smoking on brain structure in panic disorder: a voxel-based morphometry study. *Social Cognitive and Affective Neuroscience*, nsaa103, 1-11. (JCR 2020, 5-year IF: 4.805) [\[DOI\]](#)

Walter, H. Kausch, A. Dorfschmidt, L., Waller, L. Chinichian, N., Veer, I., **Hilbert, K.** ... Kruschwitz, J. D. (2020). Self-control and interoception: linking the neural substrates of craving regulation and the prediction of aversive interoceptive states induced by inspiratory breathing restriction. *NeuroImage*, 215, 116841. (JCR 2020, 5-year IF: 7.219) [\[DOI\]](#)

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Hilbert, K., Kunas, S. L., Lueken, U., Kathmann, N., Fydrich, T., Fehm, L. (2020). Predicting cognitive behavioral therapy outcome in the outpatient sector based on clinical routine data: a machine learning approach. *Behavior Research and Therapy*, 124, 103530. (JCR 2020, 5-year IF: 4.919) [\[DOI\]](#)

Hilbert, K., Lueken, U. (2020). Predictive analytics from a mental health perspective [Prädiktive Analytik aus der Perspektive der Klinischen Psychologie und Psychotherapie]. *Verhaltenstherapie*, 30, 8-17. (JCR 2020, 1-year IF: 0.905) [\[DOI\]](#)

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Asselmann, E., **Hilbert, K.**, Hoyer, J., Wittchen, H.-U., Lieb, R., Bühringer, G., Beesdo-Baum, K. (2018). Self-reported volitional control in adolescents and young adults from a community cohort: Associations with current, past and future mental disorders. *Psychiatry Research*, 260, 292-299. [\[DOI\]](#)

Stefanescu, M. R., Endres, R. J., **Hilbert, K.**, Wittchen, H.-U., Lueken, U. (2018). Networks of phobic fear: Functional connectivity shifts in two subtypes of specific phobia. *Neuroscience Letters*, 662, 167-172. (JCR 2018, 5-year IF: 2.228) [\[DOI\]](#)

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Carlisi, C., **Hilbert, K.**, Guyer, A. E., Ernst, M. (2017). Sleep-amount differentially affects fear-processing neural circuitry in pediatric anxiety: A preliminary fMRI investigation. *Cognitive, Affective, & Behavioral Neuroscience*, 17, 1098-1113. (JRC 2021, 5-year IF: 3.790) [\[DOI\]](#)

Hilbert, K., Lueken, U., Muehlhan, M., Beesdo-Baum, K. (2017). Separating generalized anxiety disorder from major depression using clinical, hormonal, and structural MRI data: A multimodal machine learning study. *Brain and Behavior*, 7(3), e00633. (JRC 2017, 5-year IF: 2.539) [\[DOI\]](#)

Stedte-Schmiedgen, S., Wichmann, S., Stalder, T., Kirschbaum, C., **Hilbert, K.**, Muehlhan, M., Lueken, U., Beesdo-Baum, K. (2017). Hair cortisol concentrations and cortisol stress reactivity in generalized anxiety disorder, major depression and their comorbidity. *Journal of Psychiatric Research*, 84, 184-190. (JCR 2017, 5-year IF: 4.461) [\[DOI\]](#)

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Kirschner, H., **Hilbert, K.**, Hoyer, J., Lueken, U., Beesdo-Baum, K. (2016). Psychophysiological reactivity during uncertainty and ambiguity processing in high and low worriers. *Journal of Behavior Therapy and Experimental Psychiatry*, 50, 97-105. (JCR 2015, 5-year IF: 2.676) [\[DOI\]](#)

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Hilbert, K., Pine, D. S., Muehlhan, M., Lueken, U., Stedte-Schmiedgen, S., Beesdo-Baum, K. (2015). Gray and white matter volume abnormalities in generalized anxiety disorder by categorical and dimensional characterization. *Psychiatry Research: Neuroimaging*, 234(3), 314-320. (JCR 2015, 5-year IF: 3.241) [\[DOI\]](#)

Hilbert, K., Evens, R., Maslowski, N. I., Wittchen, H.-U., Lueken, U. (2015). Neurostructural correlates of two subtypes of specific phobia: a voxel-based morphometry study. *Psychiatry Research: Neuroimaging*, 231(2), 168-175. (JCR 2015, 5-year IF: 3.241) [\[DOI\]](#)

Lueken, U., **Hilbert, K.**, Wittchen, H.-U., Reif, A., Hahn, T. (2015). Diagnostic classification of specific phobia subtypes using structural MRI data: a machine learning approach. *Journal of Neural Transmission*, 122(1), 123-134. (JCR 2015, 5-year IF: 2.662) [\[DOI\]](#)

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Lueken, U., **Hilbert, K.**, Stolyar, V., Maslowski, N. I., Beesdo-Baum, K., Wittchen, H.-U. (2014). Neural substrates of defensive reactivity in two subtypes of specific phobia. *Social Cognitive & Affective Neuroscience*, 9(11), 1668-1675. (JCR 2014, 5-year IF: 7.332) [\[DOI\]](#)

Hilbert, K., Evens, R., Maslowski, N. I., Wittchen, H.-U., Lueken, U. (2014). Fear processing in dental phobia during crossmodal symptom provocation: an fMRI study. *BioMed Research International*, ArticleID 196353. (JCR 2014, 5-year IF: 1.593) [\[DOI\]](#)

Hilbert, K., Lueken, U., Beesdo-Baum, K. (2014). Neural structures, functioning and connectivity in Generalized Anxiety Disorder and interaction with neuroendocrine systems: A systematic review. *Journal of Affective Disorders*, 158, 114-126. (JCR 2014, 5-year IF: 3.939) [\[DOI\]](#)

2012

Lau, J. Y. F., **Hilbert, K.**, Goodman, R., Gregory, A. M., Pine, D. S., Viding, E. M., Eley, T. C. (2012). Investigating the genetic and environmental bases of biases in threat recognition and avoidance in children with anxiety problems. *Biology of Mood and Anxiety Disorders*, 2(1). [\[DOI\]](#)

OTHER ARTICLES:

Hornstein, H., Seiler, M., Forman-Hoffman, V., Aschbacher, K., Nelson, B. W., **Hilbert, K.***, Ritter, K.* (preprint). Association of Depressive Symptoms with Resting Heart Rate Variability recorded from a Wearable Device under Naturalistic Conditions: A Machine Learning Study. *PsyArXiv*. [\[Preprint\]](#)
**both authors contributed equally*

Hilbert, K., (2015). Sind neurowissenschaftlich fundierte Biomarker im Rahmen der Behandlung psychischer Störungen denkbar? *Psychotherapeutenjournal*, 1/2015, 42-46.

BOOKS AND BOOK CHAPTERS:

Hilbert, K. (2022). AIM in Depression and Anxiety. In N. Lidströmer & H. Ashrafian (Eds.), *Artificial Intelligence in Medicine*. Springer, Cham. [\[DOI\]](#)

Hilbert, K. (2017). *Neurostructural correlates and cortisol responses in generalized anxiety disorder versus other anxiety conditions and depression: evidence for specificity* (Doctoral dissertation). Dresden, DE: Technische Universität Dresden. [\[Link\]](#)

Beesdo-Baum, K., **Hilbert, K.** (2015). Generalized Anxiety Disorder. In D. J. Stein & B. Vythilingum (Eds.), *Anxiety Disorders and Gender*. Heidelberg, DE: Springer. [\[DOI\]](#)

Lau, J. Y. F., **Hilbert, K.**, Gregory, A. M. (2013). Anxiety and depression in young people: Developmental considerations. In P. Graham & S. Reynolds (Eds.), *Cognitive behaviour therapy for children and families – current trends* (3rd ed.). Cambridge, UK: Cambridge University Press. [\[DOI\]](#)

ABSTRACTS IN PEER REVIEWED JOURNALS

Hilbert, K., Lueken, U., Beesdo-Baum, K. (2019). Characterization of three major functional networks using graph-analysis across internalizing disorders. *European Neuropsychopharmacology*, 29(Suppl. 1), s495-s496. [\[DOI\]](#)

Groenewold, N., Bas-Hoogendam, J. M., ... , **Kevin Hilbert**, ... et al. (2018). F27. Subcortical Volumes in Social Anxiety Disorder: Preliminary Results From Enigma-Anxiety. *Biological Psychiatry*, 83(Suppl. 9), S247-S248. [\[DOI\]](#)

Hilbert, K., Pine, D.S., Lueken, U., Beesdo-Baum, K. (2015). Clustering of emotional processing data in subjects with generalised anxiety disorder and major depression. *European Neuropsychopharmacology*, 25(Suppl. 2), 188. [\[DOI\]](#)

Hoyer, J., **Hilbert, K.**, Villringer, A., Pleger, B. (2015). Application of a novel clustering approach in the investigation of cognitive functioning and overweightness. *European Neuropsychopharmacology*, 25(Suppl. 2), 346. [\[DOI\]](#)

Hilbert, K., Lueken, U., Beesdo-Baum, K. (2013). Neural correlates of generalised anxiety disorder without comorbid depression: preliminary data from a functional MRI study. *European Neuropsychopharmacology*, 23(Suppl. 1), 86. [\[DOI\]](#)

CONFERENCE ACTIVITIES:

Hilbert, K., et al. (2022, 23.11.-26.11.). Prädiktion individueller Psychotherapieergebnisse bei Angststörungen mittels fMRI Konnektivität und maschinellem Lernen. In M. Schiele, J. Richter (Chairs), *Neurobiologische Marker des Therapieansprechens – auf dem Weg zu einer personalisierten Psychotherapie?*. Talk presented at the DGPPN Kongress 2022, Berlin, DE. [\[Slides\]](#)

Hilbert, K., et al. (2022, 07.06.-11.06.). fMRI Konnektivität und Maschinelles Lernen zur Prädiktion individueller Psychotherapieergebnisse. In E.-L. Brakemeier, J. Rubel, J. A. Glombiewski, W. Lutz (Chairs), *Evidenzgestützte Personalisierung psychologischer Interventionen: Vom maschinellen Lernen in die Anwendung*. Talk presented at the 1. Deutscher Psychotherapiekongress, Berlin, DE. [\[Slides\]](#)

Böhnlein, J., Lehr, E. J., Roesmann, K., Winter, N. R., **Hilbert, K.**, Lueken, U., & Dannlowski, U. (2022, 07.09.-12.09.). Machine learning prediction of exposure treatment response in patients with spider phobia based on clinical and neurofunctional data. In A. van Emmerik (Chair), *Specific Phobia*. Talk presented at the European Association for Behavioral and Cognitive Therapies conference 2022, Barcelona, SP.

- Langhammer, T., **Hilbert, K.**, et al. (2022, 07.06.-11.06.). *Development of a digital CBT-based stepped-care program for indicated prevention of mental health problems during the COVID-19 Pandemic: feasibility and first results.* Poster presented at the 1. Deutscher Psychotherapiekongress, Berlin, DE. [[Slides](#)]
- Hilbert, K.** (2021, 05.11.-06.11.). *Psychische Belastung infolge der COVID-19 Pandemie.* Talk presented at the 22. Jahrestagung der Gesellschaft für Angstforschung e.V., Göttingen, DE. [[Slides](#)]
- Hilbert, K.** (2021, 09.07.-12.07.). Machine learning for assessments in clinical psychology: supporting diagnosis and predicting cognitive behavioral therapy outcomes for individual patients under naturalistic conditions. In M. Ziegler (Chair), *Artificial intelligence and psychological assessment: Between revolution and reality.* Talk presented at the International Test Commission 2021 Colloquium, Online. [[Slides](#)]
- Hilbert, K.**, Lehr, E. J., Roesmann, K., Kunas, S. L., Jacobi, T., Elsner, B., ..., Kathmann, N. & Lueken, U. (2021, 12.05.-15.05.). Prädiktionsmodelle zur Vorhersage von Psychotherapieerfolg in ambulanter kognitiver Verhaltenstherapie: Externale Validität und Generalisierbarkeit. In **K. Hilbert** & U. Lueken (Chairs), *Individualisierte Vorhersage von Psychotherapie(miss-)erfolg.* Talk presented at the 38. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie, Mannheim, DE. [[Slides](#)]
- Hilbert, K.**, Kunas, S. L., Kathmann, N., Fydrich, T., Fehm, L. & Lueken, U. (2021, 12.05.-15.05.). Maschinelles Lernen als aussichtsreiches Werkzeug zur Unterstützung klinischer Entscheidungsprozesse: Einführung und Beispielstudien zur (Differential-)Diagnostik und zur Prädiktion von Psychotherapieergebnissen. In H. Niemeyer & M. Heinrich (Chairs), *Aktuelle Methodentrends und ihre Anwendung in der klinischen Psychologie.* Talk presented at the 38. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie, Mannheim, DE. [[Slides](#)]
- Hilbert, K.** (2020, 26.11.-28.11.). Predicting treatment outcome in anxiety and related disorders with machine learning. In K. Roesmann & D. Domschke (Chairs), *Mechanisms of fear and avoidance learning in anxiety disorders and their associations with exposure outcomes.* Talk presented at the DGPPN Kongress 2020, Berlin, DE. [[Slides](#)]
- Hilbert, K.**, Schuhmann, T., Kunas, S. L., Lueken, U., Kathmann, N., Fydrich, T. & Fehm, L. (2019, 17.07.-19.07.). *Cognitive behavioral therapy outcome prediction for individual patients using routine data from two Berlin outpatient centers using machine learning.* Poster presented at the 9th World Congress of Behavioural and Cognitive Therapies, Berlin, DE.
- Kunas, S. L., Sinzger, H., **Hilbert, K.** & Lueken, U. (2019, 17.07.-19.07.). *Predictors of treatment outcome in patients with social phobia.* Poster presented at the 9th World Congress of Behavioural and Cognitive Therapies, Berlin, DE.
- Lueken, U., **Hilbert, K.**, Hahn, T., Kircher, T., Fydrich, T., Kathmann, N. & Wittchen, H.-U. (2019, 17.07.-19.07.). *From mechanisms to predictions: theranostic markers for CBT in anxiety disorders.* Talk presented at the 9th World Congress of Behavioural and Cognitive Therapies, Berlin, DE.

- Seidl, E., Schaefer, J., **Hilbert, K.**, Scherbaum, S., Hoyer, J., Muehlhan, M. & Beesdo-Baum, K. (2019, 18.03.-19.03.). *Cognitive control in spider phobics. Is it relevant for behavioral psychotherapy?* Poster presented at the 2019 Summer School of the Collaborative Research Centre 'Volition and Cognitive Control: Mechanisms, Modulators, Dysfunctions' (SFB 940), Dresden, DE.
- Hilbert, K.**, Lueken, U. & Beesdo-Baum, K. (2018, 06.10.-09.10.). *Characterization of three major functional networks using graph-analysis across internalizing disorders.* Poster presented at the 31st ECNP Congress, Barcelona, SP.
- Lueken, U., Hahn, T., **Hilbert, K.**, Kircher, T. & Wittchen, H.-U. (2018, 10.05.-12.05.). *Prädiktive Analytik mittels Maschinellem Lernen: Empirische Beispiele multivariater Einzelfallprädiktion durch neurobiologische Marker bei internalisierenden Störungen.* Poster presented at the 36. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie der DGPs, Koblenz-Landau, DE.
- Seidl, E., **Hilbert, K.**, Zwosta, K., Scherbaum, S., Wolfensteller, U., Ruge, H., Hoyer, J., Muehlhan, M. & Beesdo-Baum, K. (2017, 22.06. – 23.06.). *C5: Cognitive control tasks for the avoidance behavior and specific phobia project: piloting results.* Poster presented at the 2017 Summer School of the Collaborative Research Centre 'Volition and Cognitive Control: Mechanisms, Modulators, Dysfunctions' (SFB 940), Dresden, DE.
- Hilbert, K.**, & Beesdo-Baum, K. (2017, 05..05.). *BeMIND - Behavior and Mind Health Study.* In *Populations- und zielgruppenspezifische Kohortenstudien.* Talk presented at the 8. Workshop der DGEpi AG 14 – Neurologische und Psychische Erkrankungen Grenzen und Möglichkeiten der zerebralen MRT-Bildgebung in Populationsstudien, Münster, DE.
- Hilbert, K.**, Pine, D. S., Lueken, U. & Beesdo-Baum, K. (2015, 29.08.-01.09.). *Unsupervised clustering of neurofunctional data in Generalised Anxiety Disorder and Major Depression.* Poster presented at the 28th ECNP Congress, Amsterdam, NL.
- Lueken, U., Hahn, T., **Hilbert, K.**, Beesdo-Baum, K., Wittchen, H.-U., Kircher, T. & Deckert, J. (2015, 25.11.-28.11.). *Generierung (differential-)diagnostischer und prognostischer Marker bei Angststörungen mit Hilfe von Machine Learning Verfahren.* Talk presented at the Jahrestagung der Deutschen Gesellschaft für Psychiatrie, Psychotherapie und Nervenheilkunde (DGPPN), Berlin, DE.
- Lueken, U., Hahn, T., **Hilbert, K.**, Beesdo-Baum, K., Wittchen, H.-U., Kircher, T. & Deckert, J. (2015, 04.06.-06.06.). *Generierung (differential-)diagnostischer und prognostischer Marker bei Angststörungen mit Hilfe von Machine Learning Verfahren.* Talk presented at the Psychologie und Gehirn, Frankfurt a. M., DE.
- Hilbert, K.**, Steudte-Schmiedgen, S. & Beesdo-Baum, K. (2015, 13.-16.05.). *Emotionsverarbeitung und Stress bei Generalisierter Angststörung und Major Depression [Emotion regulation and stress in Generalized*

Anxiety Disorder and Major Depression]. In P. Kanske & I. Dziobek (Chair), *Psychopathologie des sozialen Gehirns: Mechanismen und neue Perspektiven für die Therapie*. Talk presented at the 9. Workshopkongress für Klinische Psychologie und Psychotherapie & 33. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie der DGPs, Dresden, DE.

Lueken, U., **Hilbert, K.**, Evens, R., Maslowski, N. I. & Wittchen, H.-U. (2015, 13.-16.05.). Wie spezifisch sind spezifische Phobien? Neurostrukturelle und -funktionelle Marker der Schlangen- und Dentalphobie. Talk presented at the 9. Workshop-Kongress für Klinische Psychologie und Psychotherapie 2015 & 33. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie der DGPs, Dresden, DE.

Hilbert, K., Rößler, T. & Beesdo-Baum, K. (2015, 26.-27.03.). *Level of habitual worrying is not related to impaired cognitive control in High and Low Worriers*. Poster presented at the 2015 Spring School of the collaborative Research Centre 'Volition and Cognitive Control: Mechanisms, Modulators, Dysfunctions' (SFB 940), Dresden, DE.

Hilbert, K., Nebe, S., Lueken, U. & Beesdo-Baum, K. (2014, 08.-12.06.). *Differential neural correlates of uncertainty and ambiguity processing in worriers: a preliminary analysis*. Poster presented at the 20th meeting of the Organization for Human Brain Mapping, Hamburg, DE.

Evens, R., **Hilbert, K.**, Maslowski, N. I., Wittchen, H.-U. & Lueken, U. (2014, 08.-12.06.). *The neural substrates of symptom provocation in dental phobia: a crossmodal comparison study*. Poster presented at the 20th meeting of the Organization for Human Brain Mapping, Hamburg, DE.

Hilbert, K. & Beesdo-Baum, K. (2013, 20.-22.03.). *Cognitive control deficits and relationship to worry frequency and controllability: Concept of a fMRI study*. Poster presented at the 2013 Spring School of the Collaborative Research Centre 'Volition and Cognitive Control: Mechanisms, Modulators, Dysfunctions' (SFB 940), Dresden, DE.

Hilbert, K., Lueken, U. & Beesdo-Baum, K. (2013, 07.-10.03.). *Differential prefrontal cortex activation characterizes generalized anxiety disorder without depression*. Poster presented at the 2013 ECNP Workshop on Neuropsychopharmacology for Young Scientists in Europe, Nice, FR.

Lueken, U., Kruschwitz, J. D., **Hilbert, K.**, Muehlhan, M., Hoyer, J. & Wittchen, H.-U. (2010, 05.-10.06.). *Better look twice: Stimulus processing in dental phobia using a video-based fMRI paradigm*. Poster presented at the 16th meeting of the Organization for Human Brain Mapping, Barcelona, SP.