

**Publikationsverzeichnis*****Begutachtete Originalarbeiten (peer-reviewed)***

Kizilirmak, J. M., Glim, S., Darna, M., & **Khader, P. H.** (2021). Selective attention to stimulus representations in perception and memory: Commonalities and differences. *Psychological Research* (published online 24 Jan 2021). doi: 10.1007/s00426-020-01469-z

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Annac, E., Pointner, M., **Khader, P. H.**, Müller, H. J., & Geyer, T. (2019). Recognition of incidentally learned visual search arrays is supported by fixational eye movements. *Journal of Experimental Psychology: Learning, Memory, and Cognition* (published online 18 Mar 2019). doi: 10.1037/xlm0000702

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Kizilirmak, J. M., Rösler, F., & **Khader, P. H.** (2014). Trial-by-trial adjustments of cognitive control during selective long-term-memory retrieval. *Brain and Cognition*, 90, 8-18, doi: 10.1016/j.bandc.2014.04.013

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**Khader, P.**, Knoth, K., Burke, M., Ranganath, C., Bien, S., & Rösler, F. (2007). Spatio-temporal dynamics of associative long-term memory retrieval in humans. *Journal of Cognitive Neuroscience*, *19*, 492-511, doi: 10.1162/jocn.2007.19.3.493.

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**Khader, P.**, Scherag, A., Streb, J., & Rösler, F. (2003). Differences between noun and verb processing in a minimal phrase context: A semantic priming study using event-related brain potentials. *Cognitive Brain Research*, 17, 293-313, doi: 10.1016/S0926-6410(03)00130-7.

### **Bücher / Buchkapitel**

**Khader, P.**, & Rösler, F. (2010). Elektrophysiologische Verfahren. In H. Holling und B. Schmitz (Eds.). *Handbuch der Psychologischen Methoden und Evaluation*. Göttingen: Hogrefe.

**Khader, P.**, Heil, M., & Rösler, F. (2009). Neuro- und elektrophysiologische Verfahren. In W. Sturm, M. Herrmann, & Th. Münte (Eds.). *Lehrbuch der Klinischen Neuropsychologie* (2. Aufl.). Heidelberg: Spektrum Akademischer Verlag.

**Khader, P.**, & Rösler, F. (2009). Where memories are stored discloses how memories are formed – Content specificity of long-term memory representations (pp. 283-298). In F. Rösler, C. Ranganath, B. Röder, & R. H. Kluwe (Eds.), *Neuroimaging of human memory: Linking cognitive processes to neural systems*. New York: Oxford University Press.

**Khader, P.**, Jost, K., Lachnit, H., & Rösler, F. (Eds.) (2008). *Experimentelle Psychologie: Beiträge zur 50. Tagung experimentell arbeitender Psychologen* Lengerich: Pabst.

### **Eingeladene Vorträge**

Martin-Luther-Universität Halle-Wittenberg; Organisation: Prof. Dr. Pablo Pirnay-Dummer: „Neuronale Grundlagen des Lehrens und Lernen“ (30.06.2021)

Philipps-Universität Marburg; Organisation: Dr. Maria Kleinstäuber: "Grundlegende Paradigmen der Gedächtnispsychologie" (26.6.2015)

Universität Basel; Organisation: Dr. Janina Hoffmann, Dr. Bettina von Helversen und Dr. Thorsten Pachur: "Behavioral and neural signatures of controlled and automatic retrieval processes in memory-based decision making" (14.-16.5.2015)

Universitätsklinikum Eppendorf, Hamburg; Organisation: Tobias Sommer-Blöchl: „The neural signatures of controlled and automatic retrieval processes in memory-based decision making“ (2.6.2014).

Ruhr-Universität Bochum; Organisation: Prof. Dr. Boris Suchan: "Neural correlates of cognitive search in memory-based decision making" (22.5.2014).

Eberhard-Karls-Universität Tübingen; Organisation: Dr. Kirsten Volz: "The neural correlates of control processes in long-term-memory retrieval " (9.12.2013).

Universität Regensburg; Organisation: Dr. Bernhard Pastötter: „The role of neural control processes underlying the selective retrieval of long-term memory representations” (30.4.2013)

Max-Planck-Institut für Bildungsforschung Berlin; Organisation: Thorsten Pachur: „Neural correlates of search processes in memory-based decision making” (10.-20.3.2013).

Eberhard-Karls-Universität Tübingen; Organisation: Dr. Kirsten Volz und Prof. Dr. Hartmut Leuthold: "Die biologische Basis gedächtnisbasierter Entscheidungen" (19.6.2012).

Universität Konstanz; Organisation: Dr. Simon Hanslmayr: “The role of neural control processes underlying the selective retrieval of long-term memory representations” (29.5.2012).

University of Bangor, Wales, UK; Organisation: Dr. Stephan Boehm: „The role of neural control processes underlying the selective retrieval of long-term memory representations” (21.-25.3.2012).

Werner-Reichhardt-Centre for Integrative Neuroscience, Universität Tübingen; Organisation: Dr. Kirsten Volz: „The biological basis of inferences from memory” (7.9.-8.9.2011).

AG Neuroimaging (Prof. Dr. Thilo Kircher) am Fachbereich Medizin der Philipps-Universität Marburg: “Neuronale Korrelate interner Suchprozesse beim freien Abruf aus dem Langzeitgedächtnis” (5.5.2011).

Institut für Psychologie, Universität Basel; Organisation: Thorsten Pachur: „The biological basis of inferences from memory: memory retrieval in non-compensatory decision strategies” (30.3.-1.4.2010).

Workshop “Rationality and Neuroscience”, Berlin-Brandenburgische Akademie der Wissenschaften in Berlin; Organisation: Günter Stock: „Biological bases of decisions during memory retrieval” (1.-2.12.2009).

Donders Centre for Cognitive Neuroimaging, Nijmegen; Organisation: Ole Jensen: “Long-term memory encoding is mediated by strengthening of material-specific cortical stimulus traces: evidence from slow event-related brain potentials” (9.-10.4.2009).

Workshop "ERP Correlates of Controlled Memory Retrieval", Universität des Saarlandes, Saarbrücken; Organisation: Axel Mecklinger: “ Controlling conflict from interfering representations during long-term memory retrieval“ (29.4.-1.5.2009).

Workshop "Contemporary Issues in Working Memory Research", Universität des Saarlandes, Saarbrücken; Organisation: Hubert Zimmer und Katja Umla-Runge: “Trägt Aufrechterhaltung im Arbeitsgedächtnis zur Speicherung im Langzeitgedächtnis bei?“ (11.-13.12.2008).

Cognitive Electrophysiology UK ESRC Seminar on Memory, Cognitive Control, Attention and Advanced ERP Methods, University of Stirling, UK; Organisation: David Donaldson: “Long-term memory encoding is mediated by strengthening of material-specific cortical stimulus traces: Evidence from slow event-related brain potentials” und “On the use of slow event-related brain potentials to reveal neural dynamics of cognitive functions” (25.-26.8.2008).

Conference “Neuroimaging and Psychological Theories of Human Memory”, Philipps-Universität Marburg; Organisation: Frank Rösler, Charan Ranganath, Brigitte Röder und

Rainer Kluwe): "Where memories are stored discloses how memories are formed: Content-specificity of long-term memory representations" (2.-5.8.2006).

MPI für Kognitions- und Neurowissenschaften Leipzig; Organisation: Gernot Supp: „Where memories are stored discloses how memories are formed: Content-specificity of long-term memory representations" (17.-19.3.2006).

Universitätsklinikum Eppendorf, Hamburg; Organisation: Kirsten Hötting, Michael Rose, Tobias Donner und Markus Siegel: „Spatiotemporal dynamics of associative long-term memory retrieval in humans" (26.1.2006).

Forschungszentrum Jülich; Organisation: Carsten Giessing): „Topography and dynamics of associative long-term memory retrieval in humans" (20.1.2006).

Bay Area Memory Meeting (BAMM), University of California, Davis; Organisation: Charan Ranganath, Art Shimamura, Anthony Wagner und Andrew Yonelinas: "Event-related fMRI reveals content-specific cortical activation during associative long-term memory retrieval" (27.8.2005).

Heinrich-Heine-Universität Düsseldorf; Organisation: Martin Heil: „EEG und fMRI-Evidenz für spezifische kortikale Aktivierungsmuster beim Enkodieren und Abrufen von Raum- und Objektinformationen" (8.1.2003).

### **Konferenzbeiträge**

**Khader, P. H.**, Getzmann, S., Gajewski, P. D., Wascher, E., & Jost, K. (2022). Individual Alpha and Theta Frequency Across Age: In Search of Resting-State EEG Markers of Working Memory Capacity. In Heinrichs, M., & Schönauer, M. (Eds.). *Psychologie und Gehirn* (P2.092, S. 454).

**Khader, P. H.**, Glim, S., Darna, M., & Kizilirmak, J. M. (2021). Selective attention to stimulus representations in perception and memory. In Huckauf, A., et al. (Eds.), *Abstracts of the 63th Conference of Experimental Psychologists* (p. 127). Lengerich: Pabst.

**Khader, P. H.**, & Jost, K. (2020). Estimating individual theta frequency as a predictor of working-memory capacity. In Dobel, C., et al. (Eds.), *Abstracts of the 62nd Conference of Experimental Psychologists* (p. 121). Lengerich: Pabst.

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**Khader, P. H.**, Glim, S., & Kizilirmak, J. M. (2017). Flexible switching of selective attention in internal vs. external representational space. In M. Fischer et al. (Eds.), *Abstracts of the 20th Conference of the European Society for Cognitive Psychology*, p.9.

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**Khader, P. H.**, Seemüller, A. C, Mueller, E. M., & Rösler, F. (2013). Neural correlates of the integration of object features in visual working memory. *Annual Meeting of the Society for Neuroscience*, 216.05, Sunday, Nov 10 (p. 82).

Weber, L. A. E., Pachur, T., Jost, K., & **Khader, P. H.** (2013). Automatic activation spread during heuristic inference from memory. *Annual Meeting of the Society for Human Brain Mapping* (poster no. 1302, p. 15 in the OHBM 2013 poster listing pdf).

Kizilirmak, J. M., Rösler, F., & **Khader, P. H.** (2013). Selektion beim Abruf aus dem Langzeitgedächtnis. In P. Pauli, et al. (Eds.), *Abstracts der 39. Tagung „Psychologie und Gehirn“* (p. 16).

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**Khader, P. H.**, Jost, K., & Rösler, F. (2011). Controlling conflict from interfering long-term memory representations. *Annual Meeting of the Society for Neuroscience*, 508.13, Monday, Nov 14.

Kizilirmak, J. M., Rösler, F., & **Khader, P. H.** (2011). Control processes engaged in switching between long-term memory representations. *Annual Meeting of the Society for Neuroscience*, 508.14, Monday, Nov 14.

**Khader, P. H.** (2011). EEG oscillations are topographically and functionally related to fMRI activations during long-term memory retrieval. *5th International Conference on Memory (ICOM5)*, S120.

**Khader, P. H.**, & Mecklinger, A. (2011). The role of neural control processes in long-term memory encoding and retrieval. Symposium at the *5th International Conference on Memory (ICOM5)*, S224.

**Khader, P. H.** (2011). Neural dynamics underlying the amplification, inhibition, and integration of material-specific long-term memory representations. *5th International Conference on Memory (ICOM5)*, S227.

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**Khader, P. H.**, Pachur, T., Meier, S., Bien, S., Jost, K., & Rösler, F. (2011). Kontrollierte Abrufprozesse bei gedächtnisbasierten Entscheidungen. In K. Bittrich et al. (Eds.), *Beiträge zur 53. Tagung experimentell arbeitender Psychologen* (p. 88). Lengerich: Pabst.

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**Khader, P. H.**, Pachur, T., Meier, S., Bien, S., Jost, K., & Rösler, F. (2010). Inferences from memory: The biological basis of heuristic decision making. *Annual Meeting of the Society for Neuroscience*, 503.11, book 4 (Monday, Nov 15), p. 145.

Kızıllırmak, J., Rösler, F., & **Khader, P. H.** (2010). Illuminating the mechanisms of control during selective long-term memory retrieval - a new paradigm. *Annual Meeting of the Society for Neuroscience*, 396.10, book 4 (Monday, Nov 15), p. 95.

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**Khader, P. H.**, & Rösler, F. (2010). Dissoziierbare Funktionen von Theta- und Alpha-Oszillationen beim Langzeitgedächtnisabruf. In C. Frings, A. Mecklinger, D. Wentura, & H. Zimmer (Eds.), *Experimentelle Psychologie. Beiträge zur 52. Tagung experimentell arbeitender Psychologen*. Lengerich: Pabst.

**Khader, P.**, Jost, K., & Rösler, F. (2009). Electrophysiological and hemodynamic correlates of conflicting representations during long-term memory retrieval. *Psychophysiology*, 46 (Suppl. 1), S145.

**Khader, P.**, Jost, K., & Rösler, F. (2009). Controlling conflict from interfering representations during long-term memory retrieval. In A. B. Eder et al. (Eds.), *Experimentelle Psychologie. Beiträge zur 51. Tagung experimentell arbeitender Psychologen* (p. 33). Lengerich: Pabst.

Meier, S., **Khader, P.**, & Pachur, T. (2009). Stück für Stück oder alles auf einmal? - Kontrollierter vs. automatischer Gedächtnisabruf bei Verwendung der „Take the best“-Heuristik. In A. B. Eder et al. (Eds.), *Experimentelle Psychologie. Beiträge zur 51. Tagung experimentell arbeitender Psychologen* (p. 41). Lengerich: Pabst.

Rohde, K. B., Jost, K., **Khader, P.**, & Rösler, F. (2009). Elektrophysiologische Korrelate von Konflikt und Kontrolle beim Abruf aus dem Langzeitgedächtnis. In A. B. Eder et al. (Eds.), *Experimentelle Psychologie. Beiträge zur 51. Tagung experimentell arbeitender Psychologen* (p. 136). Lengerich: Pabst.

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**Khader, P.**, Jost, K., Mertens, M., Bien, S., & Rösler, F. (2008). Noun and verb generation in a minimal sentence context: Testing the sensory-motor hypothesis of semantic representations. *International Journal of Psychology*, 43(3/4), 317.



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