

Leibniz Research Centre for Working Environment and Human Factors  
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## RESEARCH PROFILE

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- **Key Themes:** Working Memory, Selective Attention, Multisensory Integration
- **Methodological Profile:** Integration of cognitive neuroscience and experimental psychology methods, including M/EEG, ERP analysis, time-frequency analysis, multivariate pattern analysis, and mathematical modeling of cognitive processes (e.g., diffusion modeling)
- **Passionate about:** Open Science, Science Communication

## EDUCATION

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Ruhr Universität Bochum (Germany)	10/2016 – 08/2020
International Graduate School of Neuroscience (IGSN)	
PhD in Neuroscience (summa cum laude)	
Dissertation: "Attentional Orienting in Perceptual and Mnemonic Space: Investigating Electrophysiological Correlates of Selective Auditory Attention"	
Advisors: Prof. Dr. Wascher, Dr. Christian Klaes	
External referee: Dr. Clayton Hickey	
Albert-Ludwigs-Universität Freiburg (Germany)	10/2014 – 09/2016
M.Sc. Clinical Psychology, Rehabilitation and Neuroscience	
Grade: 1.1 on a grading scale from 1.0 ("excellent") to 5.0 ("failed")	
Thesis: "Does psychological flexibility mediate the effectiveness of an internet-based Acceptance and Commitment Therapy for chronic pain? An investigation of change processes"	
Advisors: Prof. Dr. Bengel, Dr. Jiaxi Lin	
Ruhr Universität Bochum (Germany)	10/2011 – 09/2014
B.Sc. Psychology, Major: Cognitive Neuroscience	
Grade: 1.2 on a grading scale from 1.0 ("excellent") to 5.0 ("failed")	
Thesis: "Cross-modal Plasticity: The Impact of a Visual Training on Tactile Orientation Discrimination"	
Advisors: PD Dr. Dinse, Prof. Dr. Suchan	
Lone Peak High School (Alpine, Utah, USA)	08/2008 – 06/2009
International High School Exchange Program	

## EMPLOYMENT

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Donders Centre for Cognitive Neuroimaging, Radboud University, Nijmegen (NL) & Goethe University Frankfurt (GER)	11/2025 – 04/2027
<i>DAAD PRIME Fellow</i>	
Head: Prof. Uta Noppeney   Prof. Jochen Kaiser	

Leibniz Research Centre for Working Environment and Human Factors <i>Postdoctoral Fellow</i> Department of Ergonomics Head: Prof. Dr. Wascher, Advisors: PD Dr. Daniel Schneider, PD Dr. Stephan Getzmann	08/2020 – 10/2025
Paris Lodron University Salzburg <i>Visiting Researcher (funded by G.A. Lienert-Foundation)</i> Department of Psychology, Salzburg Brain Dynamics Lab Head: Prof. Dr. Nathan Weisz	09/2024 – 11/2024
Leibniz Research Centre for Working Environment and Human Factors <i>Research Associate (PhD candidate)</i> Department of Ergonomics Head: Prof. Dr. Wascher, Advisors: PD Dr. Daniel Schneider, PD Dr. Stephan Getzmann	10/2016 – 07/2020
Albert Ludwig University of Freiburg <i>Research Assistant</i> Department of Rehabilitation Psychology and Psychotherapy Head: Prof. Dr. Dr. Bengel	06/2015 – 10/2016

## PUBLICATIONS

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24 publications (First author: 8, Senior author: 4, Co-author: 12)

18 published/accepted, 6 in preparation / preprints

h-index: 10, i10-index: 10, citations: 396 (metrics compiled by google scholar)

[Google Scholar](#) | [ORCID: 0000-0002-5682-5824](#)

\* denotes that authors contributed equally to the work

In preparation

1. **Klatt L I**, Lui, T K Y, Anderson S K, Bakardijan K, Benwell C, Cunningham E, Drijvers L, Forschak N, Gundlach C, Keitel A, Kopcanova M, Ruhnau P, Rozzoli M, Rösner M, Wöstmann M, Zoefel B, Keitel C (in preparation). Not whether, but how much: Reviewing the strength of cueing effects on alpha lateralization.
2. Yuan Y, Gayet S, Chopurian V, Turoman N, **Klatt L I**. (in preparation). What we need multisensory working memory for.

Preprints and  
manuscripts  
under review

3. Keitel A, Keitel C, [...], **Klatt L I**, [...], Palva S, Sauseng P, Kotz S A (2025, July 21). Brain rhythms in cognition – controversies and future directions. *ArXiv*. <https://doi.org/10.48550/arXiv.2507.15639>
4. Turoman, N., Walter, E., Motz, A., & **Klatt, L.** (2025, June 4). Presenting features audiovisually improves working memory for bindings. *PsyArXiv*. [https://doi.org/10.31234/osf.io/7j6yt\\_v1](https://doi.org/10.31234/osf.io/7j6yt_v1)
5. Gabdulkhakov A, Sperl M F J, Merz C, **Klatt L I**, Fraenz C, Axmacher N, Genç E (2025, July 17). Multimodal spatiotemporal dynamics of frontomedial theta and bold signal reveal functional roles in updating and suppressing aversive memory during fear extinction. *Authorea*. DOI: [10.22541/au.175274364.47542664/v1](https://doi.org/10.22541/au.175274364.47542664/v1)

6. **Klatt L I\*** & Hücke C I\* (2025). Cross-modal influence of odorant stimulation on sound localization revealed by EEG and diffusion modeling. *BioRxiv*. <https://doi.org/10.1101/2024.03.27.586970>
- 2025**
7. Arslan, C., Schneider, D., Getzmann, S., Wascher, E., & **Klatt, L. I.** (2025). Tracking neural representations of attended and unattended features in multisensory working memory over time. *BrainResearch*, 1864, 149817 . DOI:10.1016/j.brainres.2025.149817
  8. Arslan, C., Schneider, D., Getzmann, S., Wascher, E., & **Klatt, L. I.** (2025). The Interplay between Multisensory Processing and Attention in Working Memory: Behavioral and Neural Indices of Audio-Visual Object Storage. *Psychophysiology*, 62, 2, e70018. DOI: [10.1111/psyp.70018](https://doi.org/10.1111/psyp.70018)
  9. Adam, K. C. S., **Klatt, L. I.**, Miller, J. A., Rösner, M., Fukuda, K., & Kiyonaga, A. (2025). Beyond Routine Maintenance: Current Trends in Working Memory Research. *Journal of cognitive neuroscience*, 1–17. Advance online publication. DOI: [10.1162/jocn.a.02298](https://doi.org/10.1162/jocn.a.02298)
- 2024**
10. Liegel, N., Schneider, D., Wascher, E., **Klatt, L. I.**, & Arnau, S. (2024). The effect of performance contingent reward prospects flexibly adapts to more versus less specific task goals. *Psychophysiology*, 61, 12, e14678. DOI: /10.1111/psyp.14678
- 2023**
11. **Klatt L I**, Begau A, Schneider D, Wascher E, Getzmann S (2023). Cross-modal interactions in behavior, ERPs, and neural oscillations at the audiovisual cocktail-party. *Neuroimage*, 271, 120022. DOI: [10.1016/j.neuroimage.2023.120022](https://doi.org/10.1016/j.neuroimage.2023.120022)
- 2022**
12. Begau A, Arnau S, **Klatt L I**, Wascher E, Getzmann S (2022). Using visual speech at the cocktail-party: CNV evidence for early speech extraction in younger and older adults. *Hearing Research*, 426, 108636. DOI: [10.1016/j.heares.2022.108636](https://doi.org/10.1016/j.heares.2022.108636)
  13. **Klatt L I**, Getzmann S, Schneider D (2022). Attentional Modulations of Alpha Power Are Sensitive to the Task-relevance of Auditory Spatial Information. *Cortex*, 153, 1–20. DOI: [10.1016/j.cortex.2022.03.022](https://doi.org/10.1016/j.cortex.2022.03.022)
  14. Begau A, **Klatt L I**, Schneider D, Wascher E., & Getzmann S (2022). The role of informational content of visual speech in an audiovisual cocktail party: Evidence from cortical oscillations in young and old participants. *The European Journal of Neuroscience*, 56, 8, 5215–5234. DOI: [10.1111/ejn.15811](https://doi.org/10.1111/ejn.15811)
  15. Rösner M, Sabo M, **Klatt L I**, Wascher E, & Schneider D (2022). Preparing for the unknown: How working memory provides a link between perception and anticipated action. *NeuroImage*, 260, 119466. DOI: [10.1016/j.neuroimage.2022.119466](https://doi.org/10.1016/j.neuroimage.2022.119466)
- 2021**
16. Schneider D, Herbst S\*, **Klatt L I\***, Wöstmann M. (2021). Target Enhancement or Distractor Suppression? Functionally Distinct Alpha Oscillations form the Basis of Attention. *European Journal of Neuroscience*, 55, 11–12, 3256–3265. DOI: [10.1111/ejn.15309](https://doi.org/10.1111/ejn.15309)

17. Begau A, **Klatt L I**, Wascher E, Schneider D, Getzmann S (2021). Do congruent lip movements facilitate speech processing in a dynamic audiovisual multi-talker scenario? An ERP study with older and younger adults. *Behavioral Brain Research*, 412, 113436. DOI: [10.1016/j.bbr.2021.113436](https://doi.org/10.1016/j.bbr.2021.113436)
- 2020**
18. **Klatt L I**, Getzmann S, Begau A, & Schneider D (2020). A dual mechanism underlying retroactive shifts of auditory spatial attention: dissociating target- and distractor-related modulations of alpha lateralization. *Scientific Reports*, 10, 13860. DOI: [10.1016/j.bbr.2021.113436](https://doi.org/10.1016/j.bbr.2021.113436)
  19. Getzmann S, **Klatt L I**, Schneider, D, Begau A, & Wascher E (2020). EEG correlates of spatial shifts of attention in a dynamic multi-talker speech perception scenario in younger and older adults. *Hearing Research*, 398, 108077. DOI: [10.1016/j.heares.2020.108077](https://doi.org/10.1016/j.heares.2020.108077)
  20. **Klatt L I**, Schneider D, Schubert A, Hanenberg C, Lewald J, Wascher E, & Getzmann S. (2020). Unraveling the relation between EEG-correlates of attentional orienting and sound localization performance: a diffusion model approach. *Journal of Cognitive Neuroscience*, 32, 5, 945-962. DOI: [10.1162/jocn\\_a\\_01525](https://doi.org/10.1162/jocn_a_01525)
- 2018**
21. **Klatt L I**, Getzmann S, Wascher E, Schneider D (2018). The contribution of selective spatial attention to sound detection and sound localization: Evidence from event-related potentials and lateralized alpha oscillations. *Biological Psychology*, 138, 133-145. DOI: [10.1016/j.biopsycho.2018.08.019](https://doi.org/10.1016/j.biopsycho.2018.08.019)
  22. **Klatt L I**, Getzmann S, Wascher E, Schneider D (2018). Searching for auditory targets in external space and in working memory: Electrophysiological mechanisms underlying perceptual and retroactive spatial attention. *Behavioral Brain Research*, 353, 98-107. DOI: [10.1016/j.bbr.2018.06.022](https://doi.org/10.1016/j.bbr.2018.06.022)
  23. Göddertz, A, **Klatt L I**, Mertes C, Schneider D (2018). Retroactive Attentional Shifts Predict Performance in a Working Memory Task: Evidence by Lateralized EEG Patterns. *Frontiers in Human Neuroscience*, 12, 428. DOI: [10.3389/fnhum.2018.00428](https://doi.org/10.3389/fnhum.2018.00428)
  24. Lin J, **Klatt L I**, McCracken L, Baumeister H (2018). Psychological flexibility mediates the effect of an online-based acceptance and commitment therapy for chronic pain: An investigation of change processes. *Pain*, 159, 663-672. DOI: [10.1097/j.pain.0000000000001134](https://doi.org/10.1097/j.pain.0000000000001134)

## FUNDING

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1. [DAAD PRIME Fellowship](#) (Postdoctoral Researchers International Mobility Experience, Success Rate: 14%) "Cross-Modal Binding within Working Memory: Insights from Behavior, Computational Modeling, and EEG". **Funds: TV-L 13 position for 18 months**
  - Host Institutions: Radboud University / Donders Centre for Cognitive Neuroimaging (Prof. Uta Noppeney), Goethe Universität Frankfurt, Institut für Medizinische Psychologie (Dr. Christoph Bledowski, Prof. Jochen Kaiser)

2. [EPS Study Visit Grant](#), **Funds: £1,205**
  - Research visit at the University of Birmingham, hosted by Prof. Clayton Hickey, in June 2025
3. G. A. Lienert-Foundation, Travel Grant for Early Career Researchers in Biopsychological Methods (Success Rate: 33%), **Funds: 1200 €**
  - Research visit at the University of Salzburg, hosted by Prof. Nathan Weisz, in Sept-Nov 2024

## INVITED TALKS

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### *Colloquium & Departmental Talks*

1. Coming to our senses: Working memory across modalities. *Goethe Universität Frankfurt*. 13/08/2025. Invited by Dr. Christoph Bledowski.
2. Coming to our senses: Working memory across modalities. *University of Nottingham*. 05/06/2025. Invited by Dr. Nicolas Myers.
3. Coming to our senses: Working memory across modalities. *University of Birmingham*. 10/06/2025. Invited by Dr. Clayton Hickey.
4. Coming to our senses: Working memory across modalities. *Memory & Attention Laboratory, Department of Psychology, University of South Dakota*. 09/04/2025. Invited by Dr. Timothy Ricker.
5. Understanding the multifaceted interplay of attention, working memory, and multisensory processing. *Alumni Talk @ International Graduate School of Neuroscience (IGSN) Graduation Day, Ruhr University Bochum*. 08/12/2023.
6. The interplay of attention and working memory in a multisensory world. *School of Psychology, University of Cardiff*. 27/07/2023. Invited by Dr. Candice Morey.
7. A multisensory perspective on attention and working memory. *Department of Psychology Colloquium Series, University of Geneva, Switzerland*. 21/04/2023. Invited by Dr. Nora Turoman.
8. Attentional orienting in complex auditory scenes: the spatial specificity of alpha-band oscillations. *Neuronal Oscillations Research Group, University of Birmingham, UK*. Talk given online, 23/03/2021. Invited by Prof. Ole Jensen.

### *Invited Symposium Talks*

9. Turoman, N., Walter, E., Motz, A., & **Klatt, L I** (2025). Binding Information Across Sensory Formats in Working Memory. Presented in Symposium "From Sensory Presentation to Working Memory Representations: New Insights on How Working Memory Operates in Our Sensorily Rich World" at *24<sup>th</sup> Conference of the European Society for Cognitive Psychology (ESCAP)*, Sheffield, UK, September 3-5, 2025. Organized by N. Turoman.
10. **Klatt L I**, Arslan C, Getzmann S, Wascher E, Schneider D (2023). Encoding and storage of crossmodal features in working memory: a multisensory perspective on the binding problem. Presented in Symposium "Features, Objects, And Feature Binding in Working Memory" at *23rd Conference of the European Society for Cognitive Psychology (ESCAP)*, Porto, Portugal, 06/09 – 09/09/2023. Organized and chaired by L I Klatt.
11. **Klatt L I**, Arslan C, Getzmann S, Wascher E, Schneider D (2023). Beyond vision and toward a multisensory perspective of working memory. Presented in Symposium

"Recent developments linked to the focus of attention in working memory". *22nd conference of the European Society for Cognitive Psychology (ESCoP) Lille, France.* 31/08/2022. Organized by Caro Hautekiet.

12. **Klatt L I**, Getzmann S, Wascher E, Schneider D Attending to Auditory Working Memory Representations: Target Facilitation or Distractor Suppression? *59th Society for Psychophysiological Research (SPR) Annual Meeting, Washington DC., USA.* 27/09/2019. Selected from all poster submissions for the Faces of the Future Symposium

## TEACHING

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„Grundlagen der kognitiven Neuropsychologie“ (M.Sc. Psychologie, TU Dortmund) Winter semester 2025

"Practical course neuropsychological methods: EEG" and "Seminar course neuropsychological methods: EEG" Summer semester 2019 - present  
(M.Sc. Cognitive Science, Ruhr Universität Bochum)

- The course is aimed at teaching students how to collect and pre-process EEG data and conduct basic ERP analyses.
- In 2020 (fully asynchronous) and 2021 (synchronous and asynchronous elements) the course took place online (due to COVID-19 pandemic).

[EEG Preprocessing Crash course](#) at Neuroergonomics Conference 09/2021  
2021 (in cooperation with Dr. Julian Reiser)

## MENTORING AND SCIENTIFIC SUPERVISION

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<sup>1</sup>primary advisor, <sup>2</sup>co-supervision, <sup>3</sup>internship instructor, <sup>4</sup>mentoring

### PhD students

- Ceren Arslan (since 04/2022)<sup>1</sup>
- Arslan Gabdulkhakov (since 02/2023)<sup>4</sup>
- Alexandra Begau (Ruhr Universität Bochum, Thesis: „Processing speech in the audiovisual cocktail-party“, 01/2021 – 12/2022)<sup>2</sup>

### Undergraduates and Master students

- Tatjana Rehberger (Bachelor Thesis: „Neural Basis of Feature Binding: A Systematic Review“, Ruhr Universität Bochum, 07/2024)<sup>1</sup>
- Hanna Torkler (Bachelor Thesis: „Multisensory processing in working memory: insights from time-frequency modulations during encoding, maintenance and recall“, Ruhr Universität Bochum, 07/2024)<sup>1</sup>
- Arslan Gabdulkhakov (Master Thesis: "A Systematic Assessment of the Effects of ICA-Based Artefact Correction on MVPA Decoding of Working Memory Contents from EEG Data", Ruhr Universität Bochum, 07/2022)<sup>1</sup>
- Kimberly Freytag (6-week internship, Bachelor Thesis: „Untersuchung inhibitorischer und exzitatorischer Kontrollmechanismen im auditiven Arbeitsgedächtnis“, 08/2019)<sup>1,3</sup>

## REVIEWING – JOURNALS \*in alphabetical order

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Acta Psychologia	Memory & Cognition
Biological Psychology	NeuroImage
eNeuro	Neuropsychologia
Frontiers Human Neuroscience	Psychophysiology
International Journal of Psychophysiology	Scientific Reports
Journal of Cognitive Psychology	Quarterly Journal of Experimental Psychology
Journal of Cognitive Neuroscience	

## SERVICE

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<b>Deputy Early Career Researcher (ECR) Representative for the DGPA</b> (Deutsche Gesellschaft für Psychophysiologie und ihre Anwendung)	starting 2026
- Elected for term 2026-2028 at PuG 2025	
<b>Organizer</b> for the <a href="#">Working Memory Symposium</a>	03/2023 - present
- Review of submitted abstracts.	
- Organization of the conference schedule.	
- Development and evaluation of post-conference survey	
<b>Organizer</b> for the Colloquium Talk Series „ <a href="#">Neurocognition and Work</a> “ (talks are given online or in hybrid format)	01/2021 - present
- Invitation of speakers and coordination of the schedule	
- Advertisement of the talks (e.g., e-mail, social media)	
- Host responsibilities	
<b>Reviewer</b> for the IGOR Price, Biological Psychology Section of the DGPs at PuG (annual Psychology and Brain Conference)	2023 - present
- Evaluate submissions for the Open Science Prize, recognizing outstanding contributions to open and transparent research practices.	
<b>Contributor</b> to early-career initiatives within the bioDGPS / DGPA	2025 - present
- Organization of PuG Pre-Conference Workshop Sign-Up	
- Co-Organization of PuG Buddy Program	
- Co-Organization of the Young Scientist Retreat	
<b>Member of Appointment Committee</b> for the Professorship „Neuroscience and Differential Psychology“ at University Dortmund	2022
<b>Organizer</b> for the virtual talk series “ <a href="#">Applied Perspectives on the future of work</a> ”	08/2021 – 10/2021
- Invitation of speakers and coordination of the schedule	
- Host responsibilities	
<b>Reviewer</b> for <a href="#">RUB Research School</a>	2017 – 2019
- Review of funding applications by doctoral students	



## SCIENCE COMMUNICATION AND OUTREACH

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Preis für Wissenschaftskommunikation in der Biologischen Psychologie (Science Communication Ambassador Award)	06/2025
„DJS meets Leibniz“	05/2025
<ul style="list-style-type: none"> <li>- science communication workshop organized by the Leibniz Association and the German School of Journalism (DJS)</li> <li>- Interview training and exchange with advanced journalism students</li> <li>- Focus on science–media dialogue, professional feedback from senior science journalists</li> </ul>	
Science Slam, Schauspielhaus Dortmund	04/2025
<ul style="list-style-type: none"> <li>- <a href="#">Science communication format</a></li> <li>- Scientists explain their research in an understandable, entertaining, and concise way in a short 10-minute talk.</li> <li>- The audience gets to vote.</li> </ul>	
Podcast, NRD-Info [in German]	08/2024
<ul style="list-style-type: none"> <li>- How does our brain process sensory information? Neuroscientist Laura Klatt about small boats on high waves.</li> </ul>	
Science Slam, Haus Bürgel, Düsseldorf	08/2024
<a href="#">Science Slam</a> , Haus der Wissenschaft, Braunschweig	05/2024
<a href="#">Science slam</a> , Dortmund	09/2023
<ul style="list-style-type: none"> <li>- Organized by Leibniz Research Centre for Working Environment and Human Factors (IfADo)</li> </ul>	
<a href="#">Science slam</a> , Cologne	05/2023
<ul style="list-style-type: none"> <li>- Organized by <a href="https://scienceslam.de">scienceslam.de</a></li> </ul>	
Psychology course students from <i>Westfalen-Kolleg Dortmund</i> visit the Leibniz Research Centre for Working Environment and Human Factors	03/2023
<ul style="list-style-type: none"> <li>- introductory talk on EEG research and lab tour</li> </ul>	
<a href="#">Letters to a Pre-Scientist</a>	2021 / 2022
<ul style="list-style-type: none"> <li>- Snail mail exchange between STEM-scientists and tenth grade students in US low-income communities</li> </ul>	
<a href="#">Curator for Real Scientist DE on Twitter</a>	13/12 – 19/12/2021
<ul style="list-style-type: none"> <li>- Giving insights into my research and life as a scientist for a lay audience.</li> </ul>	
Book a Scientist, Leibniz Association	08/2020
<ul style="list-style-type: none"> <li>- Science “speed dating” event organized by the Leibniz Association</li> <li>- 15-minute one-on-one Zoom sessions with selected individuals.</li> </ul>	
High school students from <i>Geschwister-Scholl-Gymnasium</i> visit the Leibniz Research Centre for Working Environment and Human Factors	04/2019
<ul style="list-style-type: none"> <li>- Introductory talk on EEG research and lab tour</li> </ul>	
High school students from <i>Gymnasium Herne</i> visit the Leibniz Research Centre for Working Environment and Human Factors	06/2018
<ul style="list-style-type: none"> <li>- Introductory talk on EEG research and lab tour</li> </ul>	



## PROFESSIONAL DEVELOPMENT

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- [Leibniz Mentoring Program](#) 09/2025
- Foci: development of leadership skills, strategic career development, funding acquisition – 09/2026
- Introduction to Teaching in Higher Education, Dr. Annika Zorn 09/2023
- Three-Day Workshop covering formative and summative assessment techniques, syllabus development and course design, feedback practices, classroom management, and learning activities
- [M<sup>3</sup> mentoring program](#) for academic career development for female 10/2021
- early career researchers within University Alliance Ruhr – 12/2023

## PROFESSIONAL AFFILIATIONS

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- German Psychological Society (Deutsche Gesellschaft für Psychologie, DGPs)
- DGPs Interest Group for Open and Reproducible Science (IGOR)
- German Society for Psychophysiology and its Application (Deutsche Gesellschaft für Psychophysiology und ihre Anwendung, DGPA)
- European Society for Cognitive Psychology (ESCOP)
- DFG-funded Scientific Network on Neurocognitive Psychometrics (scientific network, cooperation)
- Scottisch-EU-Critical-Oscillations-Network ([SCONe](#))

## SELECTED CONFERENCE TALKS AND POSTERS \*only first-author presentations

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1. **Klatt L I**, Arslan C, Getzmann S, Schneider D (2024). Storage of Audio-Visual Features in Working Memory. *Psychonomic Society 65th Annual Meeting*, New York, NY, USA, 21/11 – 24/11/2024.
2. **Klatt L I**, Rösner M, Hickey C (2024). Value-driven cross-modal enhancement of working memory (Pre-Data Poster). *CowanFest*, New York, NY, USA, 21/11/2024.
3. **Klatt L I** & Hücke C (2024). Odorant-induced Sound Localization Bias: Behavioral Evidence and Neurophysiological Correlates. *Psychologie und Gehirn – 49<sup>th</sup> Annual Conference*. Hamburg, Germany, 29/05- 01/06/2024
4. **Klatt L I**, Arslan C, Getzmann S, Schneider D (2024). Behavioral and Electrophysiological Signatures of Multisensory Working Memory. *4<sup>th</sup> International Conference of Working Memory (ICWM)*, Leeds, UK, 25/06 – 27/06/2024.
5. **Klatt L I**, Arslan C, Getzmann S, Wascher E, Schneider D (2023). Functional Connectivity Dynamics Underlying Audiovisual Working Memory. *48. Annual Conference Psychologie und Gehirn*, Tübingen, Germany, 08/10 – 10/10/2023.
6. **Klatt L I**, Arslan C, Getzmann S, Wascher E, Schneider D (2023). Oscillatory signatures of the interplay between working memory, attention, and multisensory processing. *Salzburg Mind Brain Annual Meeting 2023*, Salzburg, Austria, 13/07 – 14/07/2023.
7. **Klatt L I**, Begau A, Schneider D, Getzmann S (2022). Allocation spatial attention in an audio-visual cocktail-party environment: evidence from ERPs and neural oscillations. *International Conference of Cognitive Neuroscience 2020 (ICON)*, Helsinki, Finland, 18/05 – 23/05/22.

8. **Klatt L I**, Getzmann S, Schneider D (2021). Attentional Modulations of Alpha Power Are Sensitive to the Task-relevance of Auditory Spatial Information. *Tagung experimentell arbeitender Psychologen (TeaP)* Virtual Conference, 14/03 – 17/03/2021.
9. **Klatt L I**, Getzmann S, Begau A, Schneider D (2020). Distractor Inhibition or target prioritization? Unraveling the mechanisms underlying the orienting of attention within working memory. *Virtual Working Memory Symposium (VWMS)*, Hosts: Edward Ester (Florida Atlantic University) & Jarrod Lewis-Peacock (University of Texas at Austin), 01/06 – 04/06/2020.
10. **Klatt L I**, Getzmann S, Begau A, Schneider D (2019). Attentional orienting within auditory working memory: Target enhancement or distractor inhibition? 45. Jahrestagung Psychologie und Gehirn (PuG), Dresden, Germany, 20/06 – 22/06/2019.

## **SOCIAL COMMUNITY SERVICES**

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|---|----------------|
| Voluntary work for <a href="#">Experiment eV</a>  | 2009 - present |
| <ul style="list-style-type: none"> <li>- Individual and group interviews with applicants for a high school exchange program</li> <li>- Local coordinator for host families in the Ruhr Area, Germany</li> </ul> |                |
| Voluntary work for the <a href="#">outpatient hospice service Christopherus Dortmund</a>  | 2016 - present |
| <ul style="list-style-type: none"> <li>- Psycho-social support for families with kids or teens who suffer from a life-threatening or life-limiting illness</li> </ul>   |                |