

## Curriculum Vitae (Last update: September 25, 2017)

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 10099 Berlin, Germany *Fax:* +49 (0)30-2093 6771 *Lab:* [www.rolfslab.de](http://www.rolfslab.de)

**Personal information**  
*Birthday & place:* 5. November 1977, Rostock (DE)  
*Nationality:* German  
*Family status:* Married, one child (born in '06)

**Research interests** Active perception & cognition, Attention, Goal-directed movement, Perceptual & motor learning, Perceptual memory, Perception of causality and intentionality

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**Education**

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|---------------|---|
| 05.03 – 05.07 | <b>PhD from University of Potsdam (DE)</b> [grade: <i>summa cum laude</i> ]<br><i>Thesis:</i> In-between fixation and movement: On the generation of microsaccades and what they convey about saccade preparation<br><i>Supervisors:</i> Prof. Reinhold Kliegl & Prof. Ralf Engbert |
| 04.00 – 04.03 | <b>Diplom (M.A. equivalent) in Psychology from University of Potsdam (DE)</b> [grade: <i>excellent</i> ]<br><i>Thesis:</i> Statistics of microsaccades in a crossmodal attentional cuing paradigm<br><i>Supervisors:</i> Dr. Ralf Engbert & Prof. Reinhold Kliegl                   |
| 10.99 – 03.00 | <b>Studies abroad at the Universidad Complutense Madrid (ES)</b><br>EU student exchange program Sokrates/Erasmus  |
| 10.97 – 09.99 | <b>Vordiplom (B.A. equivalent) in Psychology from University of Potsdam (DE)</b>  |

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**Academic track**

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|---------------|---|
| since 10.12   | <b>Humboldt University of Berlin (DE)</b><br>Junior Research Group Leader (DFG Emmy Noether Program)<br>Department of Psychology & Bernstein Center for Computational Neuroscience  |
| 03.12 – 09.12 | <b>CNRS   Université Aix-Marseille (FR)</b><br>Postdoctoral research scientist (Marie Curie International Outgoing Fellow, <i>return phase</i> )<br>Laboratoire de Psychologie Cognitive, lab of Dr. Eric Castet                              |
| 03.10 – 02.12 | <b>New York University (US)</b><br>Postdoctoral research scientist (Marie Curie International Outgoing Fellow, <i>outgoing phase</i> )<br>Department of Psychology and Center for Neural Science, lab of Prof. Marisa Carrasco                |
| 03.08 – 03.10 | <b>CNRS   Université Paris Descartes, Paris V (FR)</b><br>Postdoctoral research scientist (Postdoc position)<br>Laboratoire Psychologie de la Perception, lab of Prof. Patrick Cavanagh   |
| 05.07 – 03.08 | <b>University of Potsdam (DE)</b><br>Postdoctoral research scientist (University position)<br>Experimental Psychology, lab of Prof. Reinhold Kliegl   |
| 10.05 – 05.07 | <b>University of Potsdam (DE)</b><br>Graduate research scientist (University position)<br>Experimental Psychology, lab of Prof. Reinhold Kliegl   |
| 05.03 – 09.05 | <b>University of Potsdam (DE)</b><br>Graduate research scientist (in DFG project <i>Dynamics of parallel processing in cognition and behavior</i> , Gottfried Wilhelm Leibniz Prize)<br>Experimental Psychology, lab of Prof. Reinhold Kliegl |

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|----------------|---|--|--|
| <b>Funding</b> | 2017 – 2022   | <b>DFG Heisenberg Professorship (DE)</b><br><i>Experimental Psychology: Active perception and cognition</i><br>DFG grant R03579/8-1  | 307,100€   |
|                | 2017 – 2020   | <b>DFG Research Grant (DE)</b><br><i>Attention and sensory integration in active vision of moving objects</i><br>DFG grant R03579/9-1  | 197,037€   |
|                | 2016 – 2018   | <b>DFG Research Grant, Co-PI with Sven Ohi (DE)</b><br><i>The impact of action on the maintenance of items in visual memory</i><br>DFG grants OH274/2-1 (312,152€) & R03579/6-1 (2,400€)   | 314,552€   |
|                | 2016 – 2017   | <b>DAAD-AU collaboration with Tamara Watson (Western Sydney) (DE/AU)</b><br><i>Steady vision: the role of discontinuity and disruption</i><br>DAAD grant (7,660€), ANT grant (24,850A\$)   | 24,500€  |
|                | 2015 – 2018   | <b>DFG-ANR collaboration with Thérèse Collins (Paris Descartes) (DE/FR)</b><br><i>DOMINION: Dynamics of oculomotor adaptation &amp; its interaction with perception</i><br>DFG grant R03579/3-1 (287,000€), ANR grant (193,000€)             | 480,000€   |
|                | 2015  | <b>Bernstein Network &amp; DFG International Scientific Events (DE)</b><br><i>Bernstein Sparks Workshop on Active Perceptual Memory</i><br>DFG grant R03579/5-1 (8,800€), Bernstein grant (7,500€)   | 16,300€  |
|                | 2012 – 2017   | <b>DFG Emmy Noether Independent Junior Research Group (DE)</b><br><i>The architecture of attentional processes in active vision</i><br>DFG grant R03579/2-1  | 1,083,480€   |
|                | 2010 – 2013   | <b>Marie Curie International Outgoing Fellowship (EU)</b><br><i>Appearance in Action: The interplay of perception and action as revealed by attention-related changes in phenomenological appearance</i><br>Framework Program 7 grant 235625 | 255,000€   |
|                | 2006  | <b>DFG travel grant (DE)</b><br>DFG grant R03579/1-1   | 1,000€   |
|                | <b>Awards and honors</b>  | 2014   | <b>Keynote lecture</b> at the <i>International Symposium on the Role of Eye Movements in Vision — Yarbus-100</i> , Nizhny Novgorod, Russia |
| 2012           |   | <b>Top-cited article in 2009-2011 in Vision Research</b> ( <i>Microsaccades: Small steps on a long way</i> )   |  |
| 2011           |   | <b>Viperlib Prize</b> with Maryam Vaziri Pashkam for best Demo Night presentation at the Vision Sciences Society Meeting 2011, Naples, FL (US)   |  |
| 2008           |   | <b>Heinz Heckhausen Young Scientist Award</b> , awarded biennially by the German Psychological Society (DGPs) to honor an outstanding doctoral dissertation in Psychology  |  |
| 2008           |   | <b>Poster prize</b> at the <i>Rovereto Attention Workshop 2008: Attention &amp; Motor Control</i> , Rovereto (IT)  |  |
| 2004           |   | <b>Travel award</b> for the <i>1st Summerschool on Visual Neuroscience—From spikes to awareness</i> , Rauschholzhausen Castle (DE)   |  |
| 2003           |   | <b>Travel award</b> for the <i>EuroConference on Computational Mechanisms for the Generation and Perception of Action in 3D Space</i> , Aquafredda di Maratea (IT)   |  |
| 2002           |   | <b>Travel award</b> for the <i>EuroConference and EBBS workshop on Cognitive and Neural Bases of Visuomotor control</i> , La Londe (FR)  |  |
| 1999           | <b>Stipend in the EU's Sokrates/Erasmus Program</b> for studies abroad at the Universidad Complutense Madrid (ES) |  |  |

## Professional Services

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| <b>Peer-reviewing activities</b>                                    | Manuscripts  | <i>Attention Perception &amp; Psychophysics</i>                               |
|   |  | <i>Behavioral Neuroscience</i>  |
|   |  | <i>Brain Research</i>   |
|   |  | <i>Cognition</i>  |
|   |  | <i>Current Biology</i>  |
|   |  | <i>Current Directions in Psychological Science</i>                            |
|   |  | <i>Experimental Brain Research</i>  |
|   |  | <i>Frontiers in Human Neuroscience</i>  |
|   |  | <i>Frontiers in Systems Neuroscience</i>                                      |
|   |  | <i>Journal of Cognitive Neuroscience</i>                                      |
|   |  | <i>Journal of Experimental Psychology: General</i>                            |
|   |  | <i>Journal of Eye Movement Research</i>                                       |
|   |  | <i>Journal of Neurophysiology</i>   |
|   |  | <i>Journal of Neuroscience</i>  |
|   |  | <i>Journal of Vision</i>  |
|   |  | <i>Multisensory Research</i>  |
|   |  | <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> |
|   |  | <i>PLoS Biology</i>   |
|   |  | <i>PLoS One</i>   |
|   |  | <i>Proceedings of the National Academy of Sciences USA</i>                    |
|   |  | <i>Psychological Review</i>   |
| <i>Psychological Science</i>  |  |   |
| <i>Psychonomic Bulletin &amp; Review</i>                            |  |   |
| <i>Psychophysiology</i>   |  |   |
| <i>Scientific Reports</i>   |  |   |
| <i>Vision Research</i>  |  |   |
| Grants  | <i>Cognitive Interaction Technology - Center of Excellence (CITEC)</i>         |   |
|   | <i>German Research Foundation (DFG)</i>  |   |
|   | <i>German-Israeli Foundation for Scientific Research and Development (GIF)</i> |   |
|   | <i>Israel Science Foundation (ISF)</i>   |   |
|   | <i>Leverhulme Trust</i>  |   |
|   | <i>National Science Foundation USA (NSF)</i>                                   |   |
|   | <i>Netherlands Organisation for Scientific Research (NWO)</i>                  |   |
|   | <i>Swiss National Science Foundation (SNSF)</i>                                |   |
|   | <i>Wellcome Trust</i>  |   |
|   | Abstracts  | <i>European Conference on Visual Perception (ECPV) 2016, 2017</i>             |
| <i>Psychologie und Gehirn (PuG) 2016</i>                            |  |   |
| <i>European Conference on Eye Movements (ECEM) 2013, 2015, 2017</i> |  |   |
| <i>Meeting of the Applied Vision Association (AVA) 2013</i>         |  |   |
| Awards  | <i>Brains for Brains Awards 2014, 2015, 2016, 2017</i>                         |   |

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## Memberships

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| since 2015  | German Association of University Professors and Lecturers (DHV) |
| since 2014  | American Physiological Society (APS)                            |
| since 2010  | Marie Curie Fellows Association (MCFA)                          |
| since 2008  | Vision Sciences Society (VSS)                                   |
| since 2007  | German Psychological Society (DGPs)                             |
| since 2007  | General Psychology Unit of the DGPs (FGAP)                      |
| since 2005  | Association for Psychological Science (APS)                     |
| 2012        | Society for Neuroscience (SfN)                                  |
| 2007 – 2009 | American Psychological Association (APA)                        |

**Organization of conferences and symposia**

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| 08.17 | <b>40th European Conference on Visual Perception (ECVP)</b><br>Annual conference, 1200 participants in Berlin (DE)<br>Spokesman of organizing committee   |
| 09.16 | <b>Workshop on Learning at the interface of vision and oculomotor control</b><br>International Workshop with 50 participants at Humboldt University of Berlin (DE)<br>Organizer, together with Carlos Cassanello, Florian Ostendorf & Thérèse Collins |
| 10.15 | <b>Bernstein Sparks Workshop on Active Perceptual Memory</b><br>International Workshop with 90 participants at Humboldt University of Berlin (DE)<br>Organizer, together with Sven Ohl & Henning Sprekeler  |
| 08.11 | <b>Extra-retinal signals for active vision</b><br>Symposium at the <i>European Conference on Eye Movements</i> , Marseille (FR)<br>Chair, together with Thérèse Collins   |
| 08.07 | <b>Fixational eye movements: Correlates in perception, attention, &amp; oculomotor control</b><br>Symposium at the <i>European Conference on Eye Movements</i> , Potsdam (DE)<br>Chair  |
| 08.07 | <b>14th European Conference on Eye Movements</b> , Potsdam (DE)<br>Local staff  |

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**Thesis committees**

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| 06.17 | <b>Zampeta Kalogeropoulou</b> , Dissertation at <i>Humboldt University of Berlin (DE)</i><br><i>Role:</i> Expert reviewer                   |
| 07.16 | <b>Susann Meyberg</b> , Dissertation at <i>Humboldt University of Berlin (DE)</i><br><i>Role:</i> Expert reviewer                           |
| 05.16 | <b>Michaël Puntiroli</b> , Dissertation at <i>University of Geneva (CH)</i><br><i>Role:</i> Thesis committee                                |
| 11.15 | <b>Lyudmyla Kovalenko</b> , Dissertation at <i>Humboldt University of Berlin (DE)</i><br><i>Role:</i> Expert reviewer                       |
| 11.15 | <b>Seda Cavdaroglu</b> , Dissertation at <i>Humboldt University of Berlin (DE)</i><br><i>Role:</i> Review panel member                      |
| 06.15 | <b>Maroje Culinovic</b> , Master's thesis at <i>Université Paris Descartes (FR)</i><br><i>Role:</i> Expert reviewer                         |
| 12.14 | <b>Isabelle Bareither</b> , Dissertation at <i>Humboldt University of Berlin (DE)</i><br><i>Role:</i> Expert reviewer                       |
| 09.14 | <b>Felix Ball</b> , Dissertation at <i>Humboldt University of Berlin (DE)</i><br><i>Role:</i> Review panel member                           |
| 06.14 | <b>Evelina Thunell</b> , Dissertation at <i>École polytechnique fédérale de Lausanne (CH)</i><br><i>Role:</i> International expert reviewer |
| 04.13 | <b>Jorge Otero-Millan</b> , Dissertation at <i>Universidade de Vigo (ES)</i><br><i>Role:</i> International expert reviewer                  |

## List of Publications

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### Journal articles (peer reviewed)

1. Ohl, S., Kuper, C., & **Rolfs, M.** (2017). Selective enhancement of orientation tuning before saccades. *Journal of Vision*. Manuscript in press.
2. Kalogeropoulou, Z., & **Rolfs, M.** (2017). Saccadic eye movements do not disrupt the deployment of feature-based attention. *Journal of Vision*, *17*(8):4, 1–15.
3. Ohl, S., & **Rolfs, M.** (2017). Saccadic eye movements impose a natural bottleneck on visual short-term memory. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, *43*, 736–748.
4. Thakkar, K.N., Diwadkar, V.A., & **Rolfs, M.** (2017). Oculomotor prediction: a window into the psychotic mind. *Trends in Cognitive Sciences*, *21*, 344–356.
5. Kalogeropoulou, Z., Jagadeesh, A.V., Ohl, S., & **Rolfs, M.** (2017). Setting and changing feature priorities in visual short-term memory. *Psychonomic Bulletin & Review*, *24*, 453–458.
6. White, A.L. & **Rolfs, M.** (2016). Oculomotor inhibition covaries with conscious detection. *Journal of Neurophysiology*, *116*, 1507–1521.
7. Cassanello, C.R., Ohl, S., & **Rolfs, M.** (2016). Saccadic adaptation to a systematically varying disturbance. *Journal of Neurophysiology*, *116*, 336–350.
8. Szinte, M., Jonikaitis, D., **Rolfs, M.**, Cavanagh, P., & Deubel, H. (2016). Presaccadic motion integration between current and future retinal locations of attended objects. *Journal of Neurophysiology*, *116*, 1592–1602.
9. **Rolfs, M.** (2015). Attention in active vision: A perspective on perceptual continuity across saccades. (Invited keynote contribution to the Yarbus-100 Special Issue) *Perception*, *44*, 900–919.
10. Rösler, M., **Rolfs, M.**, van der Stigchel, S., Neggers, S.F.W., Cahn, W., Kahn, R.S., & Thakkar, K.N. (2015). Failure to use corollary discharge to remap visual target locations is associated with psychotic symptom severity in schizophrenia. *Journal of Neurophysiology*, *114*, 1129–1136.
11. White, A.L., **Rolfs, M.**, & Carrasco, M. (2015). Stimulus competition mediates the joint effects of spatial and feature-based attention. *Journal of Vision*, *15*(14):7, 1–21.
12. Szinte, M., Carrasco, M., Cavanagh, P., & **Rolfs, M.** (2015). Attentional tradeoffs maintain the tracking of moving objects across saccades. *Journal of Neurophysiology*, *113*, 2220–2231.
13. **Rolfs, M.**, Lawrence, B., & Carrasco, M. (2013). Reach preparation enhances visual performance and appearance. *Philosophical Transactions of the Royal Society B: Biological Sciences*, *368*, 20130057.
14. **Rolfs, M.**, Dambacher, M., & Cavanagh, P. (2013). Visual adaptation of the perception of causality. *Current Biology*, *23*, 250–254.
15. White, A.L., **Rolfs, M.**, & Carrasco, M. (2013). Adaptive deployment of spatial and feature-based attention before saccades. *Vision Research*, *85*, 26–35.
16. Jonikaitis, D., Szinte, M., **Rolfs, M.**, & Cavanagh, P. (2013). Allocation of attention across saccades. *Journal of Neurophysiology*, *109*, 1425–1434.
17. **Rolfs, M.**, & Carrasco, M. (2012). Rapid simultaneous enhancement of visual sensitivity and perceived contrast during saccade preparation. *Journal of Neuroscience*, *32*, 13744–13752.
18. **Rolfs, M.**, Jonikaitis, D., Deubel, H., & Cavanagh, P. (2011). Predictive remapping of attention across eye movements. *Nature Neuroscience*, *14*, 252–256.
19. **Rolfs, M.**, Knapen, T., & Cavanagh, P. (2010). Global saccadic adaptation. *Vision Research*, *50*, 1882–1890.
20. Knapen, T., **Rolfs, M.**, Wexler, M., & Cavanagh, P. (2010). The reference frame of the tilt aftereffect. *Journal of Vision*, *10*(1):8, 1–13.
21. Laubrock, J., Kliegl, R., **Rolfs, M.**, & Engbert, R. (2010). When do microsaccades follow attention? *Attention, Perception, & Psychophysics*, *72*, 683–694.
22. Cavanagh, P., Hunt, A. R., Afraz, A., & **Rolfs, M.** (2010). Visual stability based on remapping of attention pointers. *Trends in Cognitive Sciences*, *14*, 147–153.

23. Cavanagh, P., Hunt, A. R., Afraz, A., & **Rolfs, M.** (2010). Attention Pointers: Response to Mayo and Sommer. *Trends in Cognitive Sciences*, 14, 390–391.
24. Cavanagh, P., Hunt, A. R., Afraz, A., & **Rolfs, M.** (2010). Attentional Pointers: Response to Melcher. *Trends in Cognitive Sciences*, 14, 474–475.
25. **Rolfs, M.** (2009). Microsaccades: Small steps on a long way. *Vision Research*, 49, 2415–2441.
26. Collins, T., **Rolfs, M.**, Deubel, H., & Cavanagh, P. (2009). Post-saccadic location judgments reveal remapping of saccade targets to non-foveal locations. *Journal of Vision*, 9(5):29, 1–9.
27. Knapen, T., **Rolfs, M.**, & Cavanagh, P. (2009). The reference frame of the motion aftereffect is retinotopic. *Journal of Vision*, 9(5):16, 1–6.
28. Dambacher, M., **Rolfs, M.**, Göllner, K., Kliegl, R., & Jacobs, A. (2009). Event-related potentials reveal rapid verification of predicted visual input. *PLoS One*, 4(3), e5047.
29. Kliegl, R., **Rolfs, M.**, Laubrock, J., & Engbert, R. (2009). Microsaccadic modulation of response times in spatial attention tasks. *Psychological Research*, 73, 136–146.
30. **Rolfs, M.**, Kliegl, R., & Engbert, R. (2008). Towards a model of microsaccade generation: The case of microsaccadic inhibition. *Journal of Vision*, 8(11):5, 1–23.
31. **Rolfs, M.**, Laubrock, J., & Kliegl, R. (2008). Microsaccade-induced prolongation of saccadic latencies depends on microsaccade amplitude. *Journal of Eye Movement Research*, 1(3):1, 1–8.
32. Thiel, M., Romano, M. C., Kurths, J., **Rolfs, M.**, & Kliegl, R. (2008). Generating surrogates from recurrences. *Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences*, 366, 545–557.
33. Kinder, A., **Rolfs, M.**, & Kliegl, R. (2008). Sequence learning at optimal stimulus-response mapping: Evidence from a serial reaction time task. *Quarterly Journal of Experimental Psychology*, 61, 203–209.
34. **Rolfs, M.** & Vitu, F. (2007). On the limited role of target onset in the gap task: Support for the motor-preparation hypothesis. *Journal of Vision*, 7(10):7, 1–20.
35. Laubrock, J., Engbert, R., **Rolfs, M.**, & Kliegl, R. (2007). Microsaccades are an index of covert attention. *Psychological Science*, 18, 364–366.
36. **Rolfs, M.**, Laubrock, J., & Kliegl, R. (2006). Shortening and prolongation of saccade latencies following microsaccades. *Experimental Brain Research*, 169, 369–376.
37. Romano, M. C., Thiel, M., Kurths, J., **Rolfs, M.**, Engbert, R., & Kliegl, R. (2006). Synchronization analysis and recurrence in complex systems. In B. Schelter, M. Winterhalder, & J. Timmer (Eds.). *Handbook of Time Series Analysis*. Berlin: Wiley-VCH.
38. Thiel, M., Romano, M. C., Kurths, J., **Rolfs, M.**, & Kliegl, R. (2006). Twin surrogates to test for complex synchronization. *Europhysics Letters*, 75, 535–541.
39. **Rolfs, M.**, Engbert, R., & Kliegl, R. (2005). Crossmodal coupling of oculomotor control and spatial attention in vision and audition. *Experimental Brain Research*, 166, 427–439.
40. **Rolfs, M.**, Engbert, R., & Kliegl, R. (2004). Microsaccade orientation supports attentional enhancement opposite to a peripheral cue. *Psychological Science*, 15, 705–707.
41. Kliegl, R., Grabner, E., **Rolfs, M.**, & Engbert, R. (2004). Length, frequency, and predictability effects of words on eye movements in reading. *European Journal of Cognitive Psychology*, 16, 262–284.

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**Commentaries and  
News & Views**

1. Ohl, S., & **Rolfs, M.** (2017). Chances and challenges for an active visual search perspective. *Behavioral and Brain Sciences*, 40, e150.
2. **Rolfs, M.** (2016). Seeing causality with the motor system? *Current Biology*, 26, R1183–R1185.
3. **Rolfs, M.** & Dambacher, M. (2016). What draws the line between perception and cognition? *Behavioral and Brain Sciences*, 39, e257.
4. **Rolfs, M.** & Szinte, M. (2016). Remapping attention pointers: Linking physiology and behavior. *Trends in Cognitive Sciences*, 20, 399–401.

5. **Rolfs, M.** & Ohl, S. (2011). NeuroForum: Visual suppression in the superior colliculus around the time of microsaccades. *Journal of Neurophysiology*, *105*, 1–3.
6. **Rolfs, M.** (2009). A neural mechanism for fixation instability. *Science*. (E Letter, 2 Jun 2009), <http://science.sciencemag.org/content/323/5916/940/tab-e-letters/>.

## Conference presentations

1. Thakkar, K., **Rolfs, M.**, Brascamp, J., Rösler, L., Schall, J., & Park, S. (September, 2017). Visuomotor prediction abnormalities in the schizophrenia spectrum. Talk at the *31st Annual Meeting of the Society for Research in Psychopathology*, Denver (CO), USA.
2. Yao, B., Rösler, L., **Rolfs, M.**, Neggers, S.F.W., & Thakkar, K. (September, 2017). Neural underpinning of altered corollary discharge in schizophrenia. Poster at the *31st Annual Meeting of the Society for Research in Psychopathology*, Denver (CO), USA.
3. Ohl, S. & **Rolfs, M.** (August, 2017). Multiple saccades enhance spatial specificity of resource allocation in visual short-term memory. Poster at the *40th European Conference on Visual Perception*, Berlin, Germany.
4. Schweitzer, R. & **Rolfs, M.** (August, 2017). Intra-saccadic large-field motion modulates the perception of trans-saccadic apparent motion. Poster at the *40th European Conference on Visual Perception*, Berlin, Germany.
5. Kuper, C., Ohl, S., & **Rolfs, M.** (August, 2017). Perceptual orientation tuning before saccades. Poster at the *40th European Conference on Visual Perception*, Berlin, Germany.
6. **Rolfs, M.**, Ohl, S., Schweitzer, R., Castet, E., & Watson, T. (May, 2017). Object motion thresholds are amplitude-contingent and tuned to specifically eliminate retinal motion produced by saccades. Talk at the *17th Annual Meeting of the Vision Sciences Society*, St. Petersburg (FL), USA.
7. Schweitzer, R. & **Rolfs, M.** (May, 2017). Intra-saccadic motion streaks as a cue to the localization of objects across eye movements. Talk at the *17th Annual Meeting of the Vision Sciences Society*, St. Petersburg (FL), USA.
8. Cassanello, C.R., Ostendorf, F., & **Rolfs, M.** (May, 2017). State-equation learning model for saccade adaptation. Poster at the *17th Annual Meeting of the Vision Sciences Society*, St. Petersburg (FL), USA.
9. Watson, T., Schweitzer, R., Castet, E., Ohl, S., & **Rolfs, M.** (May, 2017). Object motion thresholds are amplitude-contingent and tuned to specifically eliminate retinal motion produced by saccades. Talk at the *17th Annual Meeting of the Vision Sciences Society*, St. Petersburg (FL), USA.
10. Kalogeropoulou, Z. & **Rolfs, M.** (March, 2017). Mechanisms of feature-based attention in visual short-term memory. Poster at the *59th TeaP (Tagung experimentell arbeitender Psychologen)*, Dresden, Germany.
11. Ohl, S. & **Rolfs, M.** (March, 2017). Saccades impose priorities on visual short-term memory independently of memory load. Talk at the *59th TeaP (Tagung experimentell arbeitender Psychologen)*, Dresden, Germany.
12. Cassanello, C.R., Ostendorf, F., Collins, T., & **Rolfs, M.** (March, 2017). State equation description of sensorimotor learning underlying saccadic adaptation. Poster at the *59th TeaP (Tagung experimentell arbeitender Psychologen)*, Dresden, Germany.
13. Kuper, C., Ohl, S., & **Rolfs, M.** (September, 2016). Perceptual orientation tuning before saccades. Poster at the *Bernstein Conference 2016*, Berlin, Germany.
14. Ohl, S. & **Rolfs, M.** (May, 2016). Saccades inevitably protect visual memory traces. Poster at the *16th Annual Meeting of the Vision Sciences Society*, St. Petersburg (FL), USA.
15. Cassanello, C.R., Ostendorf, F., & **Rolfs, M.** (May, 2016). Oculomotor entraining and persistent baseline drift in saccadic adaptation to a sinusoidal disturbance. Talk at the *16th Annual Meeting of the Vision Sciences Society*, St. Petersburg (FL), USA.
16. Kalogeropoulou, Z., Jagadeesh, A.V., Ohl, S. & **Rolfs, M.** (May, 2016). Shifting feature-based attention in visual short-term memory. Poster at the *16th Annual Meeting of the Vision Sciences Society*, St. Petersburg (FL), USA.
17. Wolf, K. & **Rolfs, M.** (March, 2016). The illusion of life: Parameters, measures, and effects of perceptual animacy. Poster at the *Mind, Brain & Body Symposium*, Berlin, Germany.
18. Ohl, S. & **Rolfs, M.** (October, 2015). Saccades inadvertently determine the content of visual short-term memory. Poster at the *Bernstein Sparks Workshop on Active Perceptual Memory*, Berlin, Germany.

19. Kalogeropoulou, Z., Ohl, S. & **Rolfs, M.** (October, 2015). Changing priorities in visual short-term memory. Poster at the *Bernstein Sparks Workshop on Active Perceptual Memory*, Berlin, Germany.
20. Rösler, L., **Rolfs, M.**, van der Stigchel, S., Neggers, S.F.W., Cahn, W., Kahn, R.S., & Thakkar, K.N. (September, 2015). Failure to use corollary discharge to remap visual target locations is associated with psychotic symptom severity in schizophrenia. Poster at the *5th European Conference on Schizophrenia Research*, Berlin, Germany.
21. **Rolfs, M.**, Cassanello, C.R., Harwood, M., & Collins, T. (August, 2015). Subthreshold post-saccadic errors decelerate oculomotor learning. Talk at the *38th European Conference on Visual Perception*, Liverpool, UK.
22. Ohl, S. & **Rolfs, M.** (August, 2015). Saccadic influences on vision beyond early stages of sensory encoding. Talk at the *18th European Conference on Eye Movements*, Vienna, Austria.
23. Cassanello, C., Ohl, S., & **Rolfs, M.** (May, 2015). Global saccadic plasticity induced by a periodic disturbance of visual feedback. Poster at the *NeuroCog 2015*, Buenos Aires, Argentina.
24. White, A.L. & **Rolfs, M.** (May, 2015). A common detection mechanism for perception and oculomotor control. Poster at the *15th Annual Meeting of the Vision Sciences Society*, St. Petersburg (FL), USA.
25. Cassanello, C., Ohl, S., & **Rolfs, M.** (April, 2015). Global saccadic plasticity induced by a periodic disturbance of visual feedback. Poster at the *Workshop Internacional Programa RAICES*, Buenos Aires, Argentina.
26. Ohl, S. & **Rolfs, M.** (March, 2015). Separating influences of sensory stimulation and memory load in a visual short-term memory task. Talk at the *57th TeaP (Tagung experimentell arbeitender Psychologen)*, Hildesheim, Germany.
27. **Rolfs, M.** (September, 2014). Attention in active vision, then and now. Keynote lecture at the *International Symposium on the Role of Eye Movements in Vision — Yarbus-100*, Nizhny Novgorod, Russia.
28. **Rolfs, M.** & Castet, E. (August, 2014). Reduced perisaccadic sensitivity to both luminance and chromatic contrast. Poster at the *37th European Conference on Visual Perception*, Belgrade, Serbia.
29. White, A.L., Ohl, S., & **Rolfs, M.** (August, 2014). A direct comparison of perceptual and oculomotor contrast sensitivity. Talk at the *37th European Conference on Visual Perception*, Belgrade, Serbia.
30. Kalogeropoulou, Z., Ohl, S., & **Rolfs, M.** (August, 2014). Tuning in: How attention to motion direction shapes visual sensitivity across time. Poster at the *37th European Conference on Visual Perception*, Belgrade, Serbia.
31. **Rolfs, M.** (June, 2014). Attentive processes in active vision and cognition. Welcome-to-Berlin lecture at the *Berlin Neuroscience Forum*, Liebenwalde, Germany.
32. **Rolfs, M.** & Ohl, S. (May, 2014). Moved here and forgot there: Saccades deteriorate visual short-term memory for non-target locations. Poster at the *14th Annual Meeting of the Vision Sciences Society*, St. Petersburg (FL), USA.
33. Cassanello, C., Ohl, S., & **Rolfs, M.** (May, 2014). Saccadic plasticity induced by a periodic disturbance of visual feedback. Poster at the *14th Annual Meeting of the Vision Sciences Society*, St. Petersburg (FL), USA.
34. White, A.L., **Rolfs, M.**, & Carrasco, M. (May, 2014). Stimulus competition modulates the joint effects of spatial and feature-based attention on visual sensitivity. Talk at the *14th Annual Meeting of the Vision Sciences Society*, St. Petersburg (FL), USA.
35. Szinte, M., Jonikaitis, D., **Rolfs, M.**, Cavanagh, P., & Deubel, H. (May, 2014). Pre-saccadic motion integration between current and remapped locations. Talk at the *14th Annual Meeting of the Vision Sciences Society*, St. Petersburg (FL), USA.
36. Cassanello, C., Ohl, S., & **Rolfs, M.** (April, 2014). Saccadic adaptation following a periodic disturbance of visual feedback. Talk at the *56th TeaP (Tagung experimentell arbeitender Psychologen)*, Gießen, Germany.
37. Ohl, S. & **Rolfs, M.** (April, 2014). Saccades deteriorate visual short term memory for non-target locations. Talk at the *56th TeaP (Tagung experimentell arbeitender Psychologen)*, Gießen, Germany.
38. **Rolfs, M.** & Ohl, S. (March, 2014). Saccades determine the fate of fragile content in visual memory. Poster at the *Closing Conference of the ZiF Research Group Competition and Priority Control in Mind and Brain*, Bielefeld, Germany.
39. **Rolfs, M.**, Murray-Smith, N., & Carrasco, M. (August, 2013). Perceptual learning through remapping: How presaccadic updating affects visual processing. Talk at the *36th European Conference on Visual Perception*, Bremen, Germany.



40. Szinte, M., Jonikaitis, D., **Rolfs, M.**, Cavanagh, P., & Deubel, H. (October, 2013). Pre-saccadic spatiotemporal motion integration. Poster at the *Rovereto Attention Workshop: Attention and Motor Control*, Rovereto, Italy.
41. Caziot, B., **Rolfs, M.**, & Backus, B. (August, 2013). The orienting of attention across binocular disparity. Talk at the *36th European Conference on Visual Perception*, Bremen, Germany.
42. Szinte, M., **Rolfs, M.**, Carrasco, M., & Cavanagh, P. (May, 2013). Remapping of attentionally tracked locations. Talk at the *13th Annual Meeting of the Vision Sciences Society*, Naples (FL), USA.
43. Carrasco, M., **Rolfs, M.**, & Murray-Smith, N. (December, 2012). Perceptual learning transfers to the location of predictive remapping. Talk at the *Perceptual Learning Workshop 2012*, Japan.
44. White, A.L., **Rolfs, M.**, & Carrasco, M. (October, 2012). The dynamics of spatial and feature-based attention during saccade preparation. Talk at the *Neuroscience 2012*, New Orleans, USA.
45. **Rolfs, M.** (October, 2012). Perceptual benefits of predictive remapping. Talk at the *Opening Conference of the Zif Research Group Competition and Priority Control in Mind and Brain*, Bielefeld, Germany.
46. **Rolfs, M.**, Murray-Smith, N., & Carrasco, M. (September, 2012). Perceptual learning at the location of predictive remapping. Talk at the *35th European Conference on Visual Perception*, Alghero, Italy.
47. **Rolfs, M.**, Lawrence, B., & Carrasco, M. (May, 2012). Changes in visual performance and appearance before manual reach movements. Poster at the *12th Annual Meeting of the Vision Sciences Society*, Naples (FL), USA.
48. Szinte, M., Jonikaitis, D., **Rolfs, M.**, & Cavanagh, P. (May, 2012). Allocation of attention across saccades. Talk at the *12th Annual Meeting of the Vision Sciences Society*, Naples (FL), USA.
49. White, A.L., **Rolfs, M.**, & Carrasco, M. (August, 2011). Pre-saccadic attention for motion stimuli. Poster at the *33rd European Conference on Visual Perception*, Toulouse, France.
50. **Rolfs, M.** & Carrasco, M. (August, 2011). Perceptual consequences of presaccadic attention shifts. Talk at the *16th European Conference on Eye Movements*, Marseille, France.
51. Tandonnet, C., **Rolfs, M.**, & Vitu, F. (August, 2011). Influence of temporal target expectation on saccade initiation. Talk at the *16th European Conference on Eye Movements*, Marseille, France.
52. **Rolfs, M.** & Carrasco, M. (May, 2011). Saccades gradually increase the perceived contrast of their targets. Talk at the *11th Annual Meeting of the Vision Sciences Society*, Naples (FL), USA.
53. Dambacher, M., **Rolfs, M.** & Cavanagh, P. (May, 2011). Visual adaptation of causality. Poster at the *11th Annual Meeting of the Vision Sciences Society*, Naples (FL), USA.
54. **Rolfs, M.** (March, 2011). Functional correlates of predictive remapping. Talk at the *53rd TeaP (Tagung experimentell arbeitender Psychologen)*, Halle, Germany.
55. **Rolfs, M.** & Carrasco, M. (February, 2011). Dynamics of performance & perceived contrast at the targets of saccades. Talk at the *CPS / CAPnet Winter Meeting 2011*, Sainte-Adlé, Canada.
56. **Rolfs, M.**, Jonikaitis, D., Deubel, H., & Cavanagh, P. (August, 2010). Behavioural evidence for the remapping of saccade target locations. Talk at the *33rd European Conference on Visual Perception*, Lausanne, Switzerland.
57. **Rolfs, M.**, Jonikaitis, D., Deubel, H., & Cavanagh, P. (May, 2010). Predictive Updating Of Attention To Saccade Targets. Talk at the *10th Annual Meeting of the Vision Sciences Society*, Naples (FL), USA.
58. **Rolfs, M.**, Collins, T., Deubel, H., & Cavanagh, P. (August, 2009). Accurate remapping of saccade targets to non-foveal locations. Talk at the *32nd European Conference on Visual Perception*, Regensburg, Germany.
59. Knapen, T., **Rolfs, M.**, Wexler, M., & Cavanagh, P. (August, 2009). Orientation and motion aftereffects are in retinotopic not world coordinates. Poster at the *32nd European Conference on Visual Perception*, Regensburg, Germany.
60. **Rolfs, M.**, Knapen, T., & Cavanagh, P. (May, 2009). Shrinking the oculomotor world using global saccadic adaptation. Talk at the *9th Annual Meeting of the Vision Sciences Society*, Naples (FL), USA.
61. Knapen, T., **Rolfs, M.**, & Cavanagh, P. (May, 2009). The coordinate system of the motion aftereffect is retinotopic. Talk at the *9th Annual Meeting of the Vision Sciences Society*, Naples (FL), USA.
62. Kliegl, R., **Rolfs, M.**, Laubrock, J., & Engbert, R. (November, 2008). When microsaccades follow spatial attention. Talk at the *49th Annual Meeting of the Psychonomic Society*, Chicago, USA.

63. **Rolfs, M.**, Knapen, T., & Cavanagh, P. (October, 2008). The coordinate system of the motion aftereffect. Poster at the *Rovereto Attention Workshop: Attention and Motor Control*, Rovereto, Italy.
64. **Rolfs, M.** & Vitu, F. (August, 2008). Differential effects of target onset and target uncertainty on saccade latency distributions in the gap and overlap tasks. Talk at the *31st European Conference on Visual Perception*, Utrecht, Netherlands.
65. Kinder, A., **Rolfs, M.** (March, 2008). Implizites Lernen von Positionssequenzen. Talk at the *50th TeaP (Tagung experimentell arbeitender Psychologen)*, Marburg, Germany.
66. **Rolfs, M.** & Vitu, F. (August, 2007). Spatial predictability decreases the impact of target onset in the gap task. Talk at the *30th European Conference on Visual Perception*, Arezzo, Italy.
67. **Rolfs, M.** (August, 2007). In-between fixation and movement: Towards a common-field model of microsaccade and saccade generation. Talk at the *14th European Conference on Eye Movements*, Potsdam, Germany.
68. Kliegl, R., **Rolfs, M.**, Laubrock, J., & Engbert, R. (March, 2007). The functional role of microsaccades for attention: Evidence from RTs. Talk at the *2nd Munich Visual Search Symposium*, Ammersee, Germany.
69. Laubrock, J., Engbert, R., **Rolfs, M.**, & Kliegl, R. (March, 2007). Microsaccades as a measure of spatial attention shifts: A current controversy. Talk at the *49th TeaP (Tagung experimentell arbeitender Psychologen)*, Trier, Germany.
70. **Rolfs, M.** & Vitu, F. (August, 2006). On the limited role of target onset in the gap task: Support for the motor-preparation account. Talk at the *29th European Conference on Visual Perception*, St. Petersburg, Russia.
71. **Rolfs, M.**, Engbert, R., & Kliegl, R. (April, 2006). Micro-saccadic inhibition. Talk at the *48. TeaP (Tagung experimentell arbeitender Psychologen)*, Mainz, Germany.
72. Kinder, A., **Rolfs, M.**, & Kliegl, R. (April, 2006). Wie veraendern sich Blickbewegungen durch Sequenzlernen? Eine neue Variante der seriellen Reaktionszeitaufgabe. Talk at the *48th TeaP (Tagung experimentell arbeitender Psychologen)*, Mainz, Germany.
73. **Rolfs, M.**, Laubrock, J., & Kliegl, R. (August, 2005). Shortening and Prolongation of Saccade Latencies Following Microsaccades. Poster at the *13th European Conference on Eye Movements*, Bern, Switzerland.
74. **Rolfs, M.**, Engbert, R., & Kliegl, R. (August, 2004). Perception and motor control: The link between fixational eye movements and postural sway. Poster at the *27th European Conference on Visual Perception*, Budapest, Hungary.
75. **Rolfs, M.**, Engbert, R., & Kliegl, R. (June, 2004). Microsaccades as a mirror of visual and auditory attention. Poster at the *5th Annual Meeting of the International Multisensory Research Forum*, Barcelona, Spain.
76. **Rolfs, M.**, Engbert, R., & Kliegl, R. (April, 2004). Mikrosakkaden als Fenster in die Prozesse verdeckter Aufmerksamkeit. Talk at the *46th TeaP (Tagung experimentell arbeitender Psychologen)*, Gießen, Germany.
77. **Rolfs, M.**, Engbert, R., & Kliegl, R. (April, 2003). Microsaccades correlate with audiovisual shifts of attention. Poster at the *EuroConference on Computational Mechanisms for the Generation and Perception of Action in 3D Space*, Aquafredda di Maratea, Italy.
78. **Rolfs, M.**, Engbert, R., & Kliegl, R. (March, 2003). Modulation von Mikrosakkadenstatistiken bei cross-modalem Cuing. Poster at the *45th TeaP (Tagung experimentell arbeitender Psychologen)*, Kiel, Germany.
79. **Rolfs, M.**, Engbert, R., & Kliegl, R. (September, 2002). Modulation of microsaccade statistics in a cross-modal attentional cuing experiment. Poster at the *43. Kongress der Deutschen Gesellschaft fuer Psychologie*, Berlin, Germany.
80. **Rolfs, M.**, Engbert, R., & Kliegl, R. (September, 2002). Modulation of microsaccade statistics in a cross-modal attentional cuing experiment. Poster at the *EuroConference and EBBS workshop on Cognitive and Neural Bases of Visuomotor control*, La Londe, France.

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#### Invited talks

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| 08.17 | <b>Post-ICON Symposium, Vrije University of Amsterdam, Amsterdam (NE)</b><br>by invitation from Prof. Tomas Knapen & Dr. Sara Jahfari                              |
| 04.17 | <b>Helmholtz lecture at Helmholtz Institute, Utrecht University, Utrecht (NE)</b><br>by invitation from Prof. Nathan van der Stoep & Prof. Stefan van der Stigchel |
| 02.17 | <b>School of Psychology, University of New South Wales, Sydney (AU)</b><br>by invitation from Prof. Colin Clifford   |
| 02.17 | <b>CPCN workshop of the University of Queensland, North Stradbroke Island (AU)</b><br>by invitation from Prof. Derek Arnold  |

- 02.17 **MARCS Institute for Brain, Behaviour and Development, Western Sydney University (AU)**  
by invitation from Dr. Tamara Watson
- 10.16 **Symposium at OSA Fall Vision Meeting, University of Rochester (US)**  
by invitation from Prof. Duje Tadin
- 10.16 **Department of Psychology & Center for Neural Science, New York University (US)**  
by invitation from Prof. Marisa Carrasco
- 06.16 **Berlin School of Mind & Brain Retreat, Humboldt University of Berlin (DE)**  
by invitation from Graduate Students
- 04.16 **Perceptual User Interfaces Group, Max Planck Institute for Informatics, Saarbrücken (DE)**  
by invitation from Dr. Andreas Bulling
- 04.16 **Laboratoire Psychologie de la Perception, Université Paris Descartes – CNRS (FR)**  
by invitation from Prof. Thérèse Collins
- 03.16 **Laboratoire Psychologie de la Perception, Université Paris Descartes – CNRS (FR)**  
by invitation from Dr. Andrei Gorea
- 01.16 **Department of Psychological & Brain Sciences, Boston University (US)**  
by invitation from Prof. Chantal Stern
- 01.16 **Department of Psychology, UC San Diego (US)**  
by invitation from Prof. John Serences
- 01.16 **Department of Psychological and Brain Sciences, UC Santa Barbara (US)**  
by invitation from Prof. Miguel Eckstein
- 06.15 **International Graduate School “The brain in action”, University of Gießen (DE)**  
by invitation from Prof. Katja Fiehler
- 05.15 **Department of Psychology & Center for Neural Science, New York University (US)**  
by invitation from Prof. Marisa Carrasco
- 03.15 **U4 Workshop Extra-retinal influences on vision, University of Göttingen (DE)**  
by invitation from Prof. Annekathrin Schacht & Prof. Gilles Pourtois
- 09.14 **Keynote lecture at the Yarbus-100 meeting, IITP of the Russian Academy of Sciences (RU)**  
by invitation from the Yarbus-100 Organizing Committee
- 07.14 **Laboratoire Psychologie de la Perception, Université Paris Descartes – CNRS (FR)**  
by invitation from Prof. Patrick Cavanagh
- 07.14 **Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig (DE)**  
by invitation from Prof. Arno Villringer
- 06.14 **Brain Mind Institute, École polytechnique fédérale de Lausanne (CH)**  
by invitation from Prof. Michael Herzog
- 01.14 **Courant Research Center Text structures, Georg-August-University Göttingen (DE)**  
by invitation from Prof. Annekathrin Schacht
- 12.12 **Bernstein Center for Computational Neuroscience, Humboldt University of Berlin (DE)**  
by invitation from Prof. Klaus Obermayer, Inaugural lecture
- 12.12 **Department of Psychology, Humboldt University of Berlin (DE)**  
by invitation from Prof. Hartmut Wandke, Inaugural lecture
- 06.12 **Department of Psychology, University of Bielefeld (DE)**  
by invitation from Prof. Werner X. Schneider
- 04.12 **Department of Psychology, University of Marburg (DE)**  
by invitation from Prof. Rainer Schwarting & Prof. Anna Schubö
- 04.12 **Department of Psychology, University of Hamburg (DE)**  
by invitation from Prof. Brigitte Röder & Prof. Volker Franz
- 11.11 **Graduate Center for Vision Research, State University of New York, NY (US)**  
by invitation from Prof. Ben Backus & Prof. Robert McPeck
- 03.11 **Felix Wichmann lab, Technical University Berlin (DE)**  
by invitation from Dr. Simon Barthelmé
- 02.11 **Barrow Neurological Institute, Phoenix, AZ (US)**  
by invitation from Dr. Susana Martinez-Conde
- 01.11 **Brain Trauma Foundation, New York City, NY (US)**  
by invitation from Prof. Jamshid Ghajar

- 07.10 **Active Perception Lab, Boston University, Boston, MA (US)**  
by invitation from Prof. Michele Rucci
- 11.09 **Laboratoire de Psychologie Cognitive, Université de Provence & CNRS (FR)**  
by invitation from Dr. Françoise Vitu
- 05.09 **General Psychology group, University of Potsdam (DE)**  
by invitation from Prof. Reinhold Kliegl
- 06.08 **General Psychology Group, LMU München (DE)**  
by invitation from Dr. Frank Bauer
- 12.07 **Institut de Neurosciences Cognitives de la Méditerranée – CNRS (FR)**  
by invitation from Dr. Eric Castet
- 12.07 **Laboratoire de Psychologie Cognitive, Université de Provence – CNRS (FR)**  
by invitation from Dr. Françoise Vitu
- 10.07 **Laboratoire Psychologie de la Perception, Université Paris V – CNRS (FR)**  
by invitation from Prof. Patrick Cavanagh

**Invited research visits (1 week or more)**

- 02.17 **Western Sydney University, School of Social Sciences and Psychology (AU)**  
by invitation from Dr. Tamara Watson
- 02.14 **Université Paris Descartes, Laboratoire Psychologie de la Perception (FR)**  
by invitation from Prof. Patrick Cavanagh
- 03.13 **Université Paris Descartes, Laboratoire Psychologie de la Perception (FR)**  
by invitation from Prof. Patrick Cavanagh
- 08.10 **University of Potsdam, Cognitive Psychology group (DE)**  
by invitation from Dr. Michael Dambacher
- 07.10 **Harvard University, Vision Lab, Cambridge, MA (US)**  
by invitation from Dr. Maryam Vaziri-Pashkam & Prof. Patrick Cavanagh
- 11.09 **Université de Provence & CNRS, Laboratoire de Psychologie Cognitive (FR)**  
by invitation from Dr. Françoise Vitu
- 12.07 **Université de Provence & CNRS, Laboratoire de Psychologie Cognitive (FR)**  
by invitation from Dr. Françoise Vitu

**Other conference and workshop participations**

- 07.17 *Emmy Noether Research Group Leader Meeting 2017, Potsdam (DE)*
- 07.16 *Emmy Noether Research Group Leader Meeting 2016, Potsdam (DE)*
- 09.15 *Cutting EEG (II) 2015: Cutting-edge methods for EEG research on cognition, Berlin (DE)*
- 09.15 *Didactics in Higher Education: Developing and designing competence-based teaching, Berlin (DE)*
- 07.15 *Emmy Noether Research Group Leader Meeting 2015, Potsdam (DE)*
- 07.14 *Emmy Noether Research Group Leader Meeting 2014, Potsdam (DE)*
- 04.14 *56th Conference of Experimental Psychologists TeaP, Gießen, (DE)*
- 07.13 *Gordon Research Conference on Eye Movements, Stonehill College, MA, Easton (US)*
- 07.13 *Emmy Noether Research Group Leader Meeting 2013, Potsdam (DE)*
- 04.13 *Management & Teambuilding workshop at the Centre for Science Management Speyer (DE)*
- 07.12 *Emmy Noether Research Group Leader Meeting 2012, Potsdam (DE)*
- 08.11 *Gordon Research Conference on Eye Movements, University of New England, Biddeford, ME (US)*
- 05.09 *6th Thesis competition of the General Psychology Unit of the DGPs, Rauschholzhausen Castle (DE)*
- 05.08 *Vision Sciences Society Meeting, Naples, FL (US)*
- 06.06 *1st ECRP Workshop on Eye-movement control in reading, Potsdam (DE)*
- 12.04 *18th Meeting of the British Ocular Motor Group, London (UK)*
- 09.04 *1st Summerschool on Visual Neuroscience-From spikes to awareness, Rauschholzhausen (DE)*
- 06.03 *Meeting of the Wilhelm-Wundt-Gesellschaft, Potsdam (DE)*

## Teaching Competence & Experience

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|--|---------------------|---|--|
| <b>Teaching at New York University (Berlin)</b>        | 08.17 – 12.17       | <b>Lecture PSYCH-UA 9022 "Perception"</b>   |  |
|  | 08.16 – 12.16       | Lecturer (15 sessions, 165 min each), undergraduate level, including mid-term and final exams   |  |
|  | 09.15 – 12.15       | <i>Topics:</i> Psychology and neuroscience of perception  |  |
| <hr/>  |                     |   |  |
| <b>Teaching at Humboldt University</b>                 | 01.17, 12.14, 01.13 | <b>Lecture series "Cognitive Science"</b><br>Guest lecturer (1 session each time, 90 min), graduate level<br><i>Topic:</i> Eye movements, Active vision and visual memory   |  |
|  | 12.15,              | <b>"Experimental Lecture" of the Bernstein Graduate School</b><br>Guest lecturer (1 session each time, 90 min), graduate level<br><i>Topic:</i> Active visual perception & cognition  |  |
|  | 10.14 – 03.15       | <b>Lecture "Biological Psychology I"</b><br>Lecturer (15 sessions, 90 min each), undergraduate level, including exams and re-exams<br><i>Topics:</i> Neuroanatomy, Neurophysiology, Neurotransmitters, Development, Evolution |  |
|  | 10.13 – 02.14       | <b>Seminar "Movement &amp; Perception: Psychophysics of active vision"</b><br>Lecturer (14 sessions, 90 min each), graduate level<br><i>Topics:</i> Motor control, active perception  |  |
|  | <hr/>               |   |  |
| <b>Teaching at New York University (New York City)</b> | 10.11               | <b>Seminar COSEM-UA.109 "How we see"</b><br>Guest lecturer for Prof. Marisa Carrasco (2 sessions, 90 min each), undergraduate level<br><i>Topics:</i> Perceptual organization & object recognition                            |  |
|  | 05.11 – 06.11       | <b>Lecture PSYCH-UA.22 "Perception"</b><br>Lecturer (24 sessions, 90 min each), undergraduate level, including mid-term and final exams<br><i>Topics:</i> Psychology and neuroscience of perception                           |  |
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| <b>Teaching at University of Potsdam</b>               | 10.07 – 02.08       | <b>Research Methods in Experimental Psychology</b><br>Lecturer (14 sessions, 180 min each), undergraduate level<br><i>Topic:</i> Unconscious cuing of attention   |  |
|  | 04.07 – 07.07       | <b>Research Methods in Experimental Psychology</b><br>Lecturer (12 sessions, 180 min each), undergraduate level<br><i>Topic:</i> Role of attention in the perception of causality   |  |
|  | 10.06 – 02.07       | <b>Research Methods in Experimental Psychology</b><br>Lecturer (14 sessions, 180 min each), undergraduate level<br><i>Topic:</i> Perception of causality  |  |
|  | 04.06 – 07.06       | <b>Seminar "Focussing Attention: Current Topics in Attention Research"</b><br>Lecturer (12 sessions, 90 min each), undergraduate level<br><i>Topic:</i> Mechanisms of visual selection  |  |
|  | 04.06 – 07.06       | <b>Research Methods in Experimental Psychology</b><br>Lecturer (12 sessions, 90 min each), undergraduate level<br><i>Topic:</i> Attentional learning  |  |
|  | 10.05 – 02.06       | <b>Research Methods in Experimental Psychology</b><br>Lecturer (14 sessions, 180 min each), undergraduate level<br><i>Topics:</i> Dissociation of subjective and objective gaze position & Implicit learning                  |  |
|  | 10.04 – 02.05       | <b>Seminar "Mathematical models of cognitive processes"</b><br>Tutor for Dr. Ralf Engbert, graduate level<br><i>Topics:</i> Mathematical & computational modeling of perception, cognition, motor control                     |  |
|  | <hr/>               |   |  |
|  | <b>Certificate</b>  | 2015  | <b>Didactics in Higher Education: Developing and designing competence-based teaching</b><br>Intensive workshop (21 hours) in Berlin (DE), Center for Science & Research Management |

## Mentoring

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### Post-doctoral associates

since 07.13 **Sven Ohl**  
 since 01.13 **Carlos R. Cassanello**  
 01.14 – 09.14 **Alexander L. White**, now with Geoffrey Boynton at *University of Washington (US)*

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### Graduate student supervision

since 07.17 **Olga Shurygina**, Master's thesis at the *Berlin School of Mind & Brain (DE)*  
*Topic: The impact of Gestalt criteria on pre-saccadic attention*  
 since 02.17 **Luke Pendergrass**, Master's thesis at the *Berlin School of Mind & Brain (DE)*  
*Topic: Relating microsaccadic inhibition to perceived time of stimulus onset*  
 since 05.16 **Richard Schweitzer**, Dissertation at *Humboldt University of Berlin (DE)*  
*Topic: Perceptual and motor consequences of intrasaccadic perception*  
 04.16 – 10.16 **Clara Kuper**, Bachelor's thesis at the *Free University Berlin (DE)*  
*Topic: Perceptual tuning before saccades*  
 10.15 – 07.16 **Kerstin Wolf**, Master's thesis at the *Berlin School of Mind & Brain (DE)*  
*Topic: Unraveling the Illusion of Life: An Adaptation Study of Perceptual Animacy*  
 02.13 – 06.17 **Zampeta Kalogeropoulou**, Dissertation at *Humboldt University of Berlin (DE)*  
*Topic: Feature-based attention in active vision*  
 10.10 – 03.11 **Hakan Karsilar**, Master's thesis at *New York University (US)*  
*Topic: Perceptual learning of motion at locations of pre-saccadic remapping*  
 03.07 – 09.09 **Heiko Böttcher**, Diploma thesis at *University of Potsdam (DE)*  
*Topic: Altered sensitivity in change blindness and inattention blindness in boys with ADHD*  
 10.08 – 06.09 **Marthe Plöger**, Diploma thesis at *University of Potsdam (DE)*  
*Topic: Attention-induced modulation of the perception of complex objects: Development of an experimental design*

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### Research assistants

since 06.17 **Jan-Nikolas Klanke**, graduate RA at *Berlin School of Mind & Brain (DE)*  
 since 11.16 **Luke Pendergrass**, graduate RA at *Berlin School of Mind & Brain (DE)*  
 since 07.16 **Polina Arbuzova**, graduate RA at *Humboldt University of Berlin (DE)*  
 since 06.16 **Clara Kuper**, undergraduate RA at *Humboldt University of Berlin (DE)*  
 06.16 – 11.16 **Luke Pendergrass**, lab rotation at *Berlin School of Mind & Brain (DE)*  
 10.15 – 09.16 **Stefan Uhrig**, graduate RA at *Humboldt University of Berlin (DE)*  
 10.15 – 04.16 **Kerstin Wolf**, graduate RA at *Humboldt University of Berlin (DE)*  
 04.15 – 10.15 **Franca Utz**, graduate RA at *Humboldt University of Berlin (DE)*  
 01.14 – 08.15 **Alma Hertwig**, graduate RA at *Humboldt University of Berlin (DE)*  
 05.15 – 07.15 **Akshay Jagadeesh**, undergraduate intern at *Humboldt University of Berlin (DE)*  
 05.14 – 07.14 **Polina Arbuzova**, undergraduate intern at *Humboldt University of Berlin (DE)*  
 10.11 – 02.12 **Nick Murray-Smith**, graduate RA at *New York University (US)*  
 03.11 – 02.12 **Sarah Lucy Charlesworth Poe**, undergraduate RA at *New York University (US)*  
 10.10 – 03.11 **Hakan Karsilar**, graduate RA at *New York University (US)*

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### Additional mentoring

2017 **Tarryn Balsdon**, Collaborative project with *Western Sydney University (AU)*  
*Topic: Metacognition of intra-saccadic vision*  
 2015 **Anastasiia Umanets**, Dissertation at *Humboldt University of Berlin (DE)*  
*Topic: Visual film costume analysis*  
 2014 – 2015 **Barbara Haupt**, Dissertation at *Humboldt University of Berlin (DE)*  
*Topic: Computer-based wildfire detection*