

## Curriculum Vitae (Last update: September 17, 2017)

---

### Office address

Martin Rolfs  
 Humboldt University of Berlin  
 Department of Psychology  
 Unter den Linden 6  
 10099 Berlin, Germany

*Phone:* +49 (0)30-2093 6775  
*Fax:* +49 (0)30-2093 6771

*eMail:* [martin.rolfs@hu-berlin.de](mailto:martin.rolfs@hu-berlin.de)  
*Web:* [www.martinrolfs.de](http://www.martinrolfs.de)  
*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

---

### Education

05.03 – 05.07 **PhD from University of Potsdam (DE)** [grade: *summa cum laude*]  
*Thesis:* In-between fixation and movement: On the generation of microsaccades and what they convey about saccade preparation  
*Supervisors:* Prof. Reinhold Kliegl & Prof. Ralf Engbert

04.00 – 04.03 **Diplom (M.A. equivalent) in Psychology from University of Potsdam (DE)** [grade: *excellent*]  
*Thesis:* Statistics of microsaccades in a crossmodal attentional cuing paradigm  
*Supervisors:* Dr. Ralf Engbert & Prof. Reinhold Kliegl

10.99 – 03.00 **Studies abroad at the Universidad Complutense Madrid (ES)**  
 EU student exchange program Sokrates/Erasmus

10.97 – 09.99 **Vordiplom (B.A. equivalent) in Psychology from University of Potsdam (DE)**

---

### Academic track

since 10.12 **Humboldt University of Berlin (DE)**  
 Junior Research Group Leader (DFG Emmy Noether Program)  
 Department of Psychology & Bernstein Center for Computational Neuroscience

03.12 – 09.12 **CNRS | Université Aix-Marseille (FR)**  
 Postdoctoral research scientist (Marie Curie International Outgoing Fellow, *return phase*)  
 Laboratoire de Psychologie Cognitive, lab of Dr. Eric Castet

03.10 – 02.12 **New York University (US)**  
 Postdoctoral research scientist (Marie Curie International Outgoing Fellow, *outgoing phase*)  
 Department of Psychology and Center for Neural Science, lab of Prof. Marisa Carrasco

03.08 – 03.10 **CNRS | Université Paris Descartes, Paris V (FR)**  
 Postdoctoral research scientist (Postdoc position)  
 Laboratoire Psychologie de la Perception, lab of Prof. Patrick Cavanagh

05.07 – 03.08 **University of Potsdam (DE)**  
 Postdoctoral research scientist (University position)  
 Experimental Psychology, lab of Prof. Reinhold Kliegl

10.05 – 05.07 **University of Potsdam (DE)**  
 Graduate research scientist (University position)  
 Experimental Psychology, lab of Prof. Reinhold Kliegl

05.03 – 09.05 **University of Potsdam (DE)**  
 Graduate research scientist (in DFG project *Dynamics of parallel processing in cognition and behavior*, Gottfried Wilhelm Leibniz Prize)  
 Experimental Psychology, lab of Prof. Reinhold Kliegl

<b>Funding</b>	2017 – 2022	<b>DFG Heisenberg Professorship (DE)</b> <i>Experimental Psychology: Active perception and cognition</i> DFG grant R03579/8-1	307,100€
	2017 – 2020	<b>DFG Research Grant (DE)</b> <i>Attention and sensory integration in active vision of moving objects</i> DFG grant R03579/9-1	197,037€
	2016 – 2018	<b>DFG Research Grant, Co-PI with Sven Ohi (DE)</b> <i>The impact of action on the maintenance of items in visual memory</i> 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> <i>Steady vision: the role of discontinuity and disruption</i> DAAD grant (7,660€), ANT grant (24,850A\$)	24,500€
	2015 – 2018	<b>DFG-ANR collaboration with Thérèse Collins (Paris Descartes) (DE/FR)</b> <i>DOMINION: Dynamics of oculomotor adaptation &amp; its interaction with perception</i> DFG grant R03579/3-1 (287,000€), ANR grant (193,000€)	480,000€
	2015	<b>Bernstein Network &amp; DFG International Scientific Events (DE)</b> <i>Bernstein Sparks Workshop on Active Perceptual Memory</i> 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> <i>The architecture of attentional processes in active vision</i> DFG grant R03579/2-1	1,083,480€
	2010 – 2013	<b>Marie Curie International Outgoing Fellowship (EU)</b> <i>Appearance in Action: The interplay of perception and action as revealed by attention-related changes in phenomenological appearance</i> Framework Program 7 grant 235625	255,000€
	2006	<b>DFG travel grant (DE)</b> 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

---

<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 (EVP) 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>	

---

## Memberships

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**

---

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

---

**Thesis committees**

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

## List of Publications

---

### Journal articles (peer reviewed)

1. 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.
2. 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.
3. Thakkar, K.N., Diwadkar, V.A., & **Rolfs, M.** (2017). Oculomotor prediction: a window into the psychotic mind. *Trends in Cognitive Sciences*, 21, 344–356.
4. 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.
5. White, A.L. & **Rolfs, M.** (2016). Oculomotor inhibition covaries with conscious detection. *Journal of Neurophysiology*, 116, 1507–1521.
6. Cassanello, C.R., Ohl, S., & **Rolfs, M.** (2016). Saccadic adaptation to a systematically varying disturbance. *Journal of Neurophysiology*, 116, 336–350.
7. 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.
8. **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.
9. 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.
10. 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.
11. 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.
12. **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.
13. **Rolfs, M.**, Dambacher, M., & Cavanagh, P. (2013). Visual adaptation of the perception of causality. *Current Biology*, 23, 250–254.
14. White, A.L., **Rolfs, M.**, & Carrasco, M. (2013). Adaptive deployment of spatial and feature-based attention before saccades. *Vision Research*, 85, 26–35.
15. Jonikaitis, D., Szinte, M., **Rolfs, M.**, & Cavanagh, P. (2013). Allocation of attention across saccades. *Journal of Neurophysiology*, 109, 1425–1434.
16. **Rolfs, M.**, & Carrasco, M. (2012). Rapid simultaneous enhancement of visual sensitivity and perceived contrast during saccade preparation. *Journal of Neuroscience*, 32, 13744–13752.
17. **Rolfs, M.**, Jonikaitis, D., Deubel, H., & Cavanagh, P. (2011). Predictive remapping of attention across eye movements. *Nature Neuroscience*, 14, 252–256.
18. **Rolfs, M.**, Knapen, T., & Cavanagh, P. (2010). Global saccadic adaptation. *Vision Research*, 50, 1882–1890.
19. Knapen, T., **Rolfs, M.**, Wexler, M., & Cavanagh, P. (2010). The reference frame of the tilt aftereffect. *Journal of Vision*, 10(1):8, 1–13.
20. Laubrock, J., Kliegl, R., **Rolfs, M.**, & Engbert, R. (2010). When do microsaccades follow attention? *Attention, Perception, & Psychophysics*, 72, 683–694.
21. 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.
22. Cavanagh, P., Hunt, A. R., Afraz, A., & **Rolfs, M.** (2010). Attention Pointers: Response to Mayo and Sommer. *Trends in Cognitive Sciences*, 14, 390–391.

23. Cavanagh, P., Hunt, A. R., Afraz, A., & **Rolfs, M.** (2010). Attentional Pointers: Response to Melcher. *Trends in Cognitive Sciences*, 14, 474–475.
24. **Rolfs, M.** (2009). Microsaccades: Small steps on a long way. *Vision Research*, 49, 2415–2441.
25. 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.
26. Knapen, T., **Rolfs, M.**, & Cavanagh, P. (2009). The reference frame of the motion aftereffect is retinotopic. *Journal of Vision*, 9(5):16, 1–6.
27. 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.
28. Kliegl, R., **Rolfs, M.**, Laubrock, J., & Engbert, R. (2009). Microsaccadic modulation of response times in spatial attention tasks. *Psychological Research*, 73, 136–146.
29. **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.
30. **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.
31. 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.
32. 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.
33. **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.
34. Laubrock, J., Engbert, R., **Rolfs, M.**, & Kliegl, R. (2007). Microsaccades are an index of covert attention. *Psychological Science*, 18, 364–366.
35. **Rolfs, M.**, Laubrock, J., & Kliegl, R. (2006). Shortening and prolongation of saccade latencies following microsaccades. *Experimental Brain Research*, 169, 369–376.
36. 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.
37. Thiel, M., Romano, M. C., Kurths, J., **Rolfs, M.**, & Kliegl, R. (2006). Twin surrogates to test for complex synchronization. *Europhysics Letters*, 75, 535–541.
38. **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.
39. **Rolfs, M.**, Engbert, R., & Kliegl, R. (2004). Microsaccade orientation supports attentional enhancement opposite to a peripheral cue. *Psychological Science*, 15, 705–707.
40. 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.

---

### 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 Visuo-motor control*, La Londe, France.

---

### Invited talks

- |       |  |
|-------|--|
| 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 | <b>MARCS Institute for Brain, Behaviour and Development, Western Sydney University (AU)</b><br>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

---

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

## Mentoring

---

### 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)*

---

### 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*

---

### 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)*

---

### 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*