

Curriculum Vitae

Moritz Wurm

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Current post Center for Mind/Brain Sciences
University of Trento, Italy
Corso Bettini 31
38068 Rovereto (TN)
moritz.wurm@unitn.it
+39 0461 28 8729
<https://sites.google.com/site/moritzfwurm>

Full name Moritz Franz Nikolaus Wurm
Date and place of birth 11/11/1981; Cologne, Germany

Academic Posts

04/2019 Assistant Professor, Center for Mind/Brain Sciences (CIMEC), University of Trento, Italy

04/2017 – 03/2019 Postdoctoral Research Fellow, Center for Mind/Brain Sciences (CIMEC), University of Trento, Italy (Faculty Advisor: Alfonso Caramazza)

10/2015 – 03/2017 Postdoctoral Research Fellow (awarded by the German Research Foundation), Department of Psychology, Harvard University, Cambridge, USA (02/2016-07/2016) and Center for Mind/Brain Sciences (CIMEC), University of Trento, Italy (Faculty Advisor: Alfonso Caramazza)

12/2011 – 09/2015 Postdoctoral Research Fellow, Center for Mind/Brain Sciences (CIMEC), University of Trento, Italy (Faculty Advisor: Angelika Lingnau)

04/2008 – 11/2011 Ph.D. Student, Max Planck Institute for Neurological Research, Cologne, Germany (Faculty Advisor: Ricarda I. Schubotz)

01/2007 – 10/2007 M.Sc. Student (Diplom), Department of Evolutionary Developmental Biology, University of Cologne, Germany (Faculty Advisor: Diethard Tautz)

05/2006 – 04/2008 Research Assistant, Department of Developmental Genetics, University of Cologne, Germany (Faculty Advisor: Maria Leptin)

01/2004 – 12/2004 Teaching Assistant, Faculty of Biology, University of Cologne, Germany

07/2003 – 12/2003 Student Assistant, Department of Botany, University of Cologne, Germany (Faculty Advisor: Michael Melkonian)

Education

11/2011 Ph.D. in Psychology (*Doctor rerum naturalium*), Max Planck Institute for Neurological Research, Cologne; Department of Psychology, University of Münster, Germany (*magna cum laude*). Thesis title: "Contextual modulation of action perception" (Advisor: Ricarda I. Schubotz)

10/2007 M.Sc. (Diplom) in Biology (grade 1.0), Department of Evolutionary Developmental Biology, Cologne, Germany. Thesis title: "The role of the polycistronic gene *milles-pattes* in *Drosophila melanogaster*" (Advisor: Diethard Tautz)

Peer-reviewed Articles

- Wurm, M. F.**, Caramazza, A. (2019). Representation of action concepts in left posterior temporal cortex that generalize across vision and language. *Nat Comm.* 10(1), 289.
- Vannuscorps G.*, **Wurm, M. F.***, Striem-Amit, E., Caramazza A. (2018) Large-scale organization of the hand action observation network in individuals born without hands. *Cereb Cortex*, *equal contribution.
- El-Sourani, N., **Wurm, M. F.**, Trempler, I. C., Fink, G. R., Schubotz, R. I. (2018). Making sense of objects lying around: How contextual objects shape brain activity during action observation. *NeuroImage.* 167, 429-437.
- Wurm, M. F.**, Schubotz, R. I. (2018). The role of the temporoparietal junction (TPJ) in action observation: Agent detection rather than visuospatial transformation. *NeuroImage*, 165, 48-55.
- Papeo L., **Wurm M. F.**, Oosterhof N. N., Caramazza A. (2017). The neural representation of humans versus nonhuman bipeds and quadrupeds. *Sci Reports.* 7(1), 14040.
- Wurm, M. F.**, Artemenko, C., Giuliani, D., Schubotz, R. I. (2017). Action at its place: Contextual settings enhance action recognition in 4-8 year old children. *Developmental Psychology.* 53(4), 662-670.
- Wurm, M. F.**, Caramazza, A., Lingnau, A. (2017). Action categories in lateral occipitotemporal cortex are organized along sociality and transitivity. *J Neurosci.* 37(3), 562-575.
- Wurm, M. F.**, Schubotz, R. I. (2017). What's she doing in the kitchen? Context helps when actions are hard to recognize. *Psychon Bull Rev.* 24(2), 503-509.
- Wurm, M. F.**, Ariani, G., Greenlee, M. W., Lingnau, A. (2016). Decoding Concrete and Abstract Action Representations During Explicit and Implicit Conceptual Processing. *Cereb Cortex.* 26(8), 3390-3401.
- Ariani, G., **Wurm, M. F.**, Lingnau, A. (2015). Decoding Internally- and Externally-Driven Movement Plans. *J Neurosci.* 35(42),14160-14171.
- Hrkać, M., **Wurm, M. F.**, Kühn, A. B., Schubotz, R. I. (2015). Objects Mediate Goal Integration in Ventrolateral Prefrontal Cortex during Action Observation. *PLoS One* 10:e0134316.
- Wurm, M. F.**, Lingnau, A. (2015). Decoding actions at different levels of abstraction. *J Neurosci.* 35(20), 7727-7735.
- Wurm, M. F.**, Hrkac, M., Morikawa, Y., Schubotz, R. I. (2014). Predicting goals in action episodes attenuates BOLD response in inferior frontal and occipitotemporal cortex. *Behav Brain Res*, 274, 108-117.
- Schubotz, R. I., **Wurm, M. F.**, Wittmann, M. K., von Cramon, D. Y. (2014). Objects tell us what action we can expect: dissociating brain areas for retrieval and exploitation of action knowledge during action observation in fMRI. *Front Psychol*, 5, 636.
- Hrkać, M., **Wurm, M. F.**, Schubotz, R. I. (2014). Action observers implicitly expect actors to act goal-coherently, even if they do not: an fMRI study. *Hum Brain Mapp*, 35(5), 2178-2190.
- Turella, L., **Wurm, M. F.**, Tucciarelli, R., Lingnau, A. (2013). Expertise in action observation: recent neuroimaging findings and future perspectives. *Front Hum Neurosci*, 7, 637.
- Wurm, M. F.**, Cramon, D. Y., Schubotz, R. I. (2012). The context-object-manipulation triad: cross talk during action perception revealed by fMRI. *J Cogn Neurosci*, 24(7), 1548-1559.
- Schiffer, A. M., Ahlheim, C., **Wurm, M. F.**, Schubotz, R. I. (2012). Surprised at all the entropy: hippocampal, caudate and midbrain contributions to learning from prediction errors. *PLoS One*, 7(5), e36445.
- Wurm, M. F.**, Schubotz, R. I. (2012). Squeezing lemons in the bathroom: contextual information modulates action recognition. *NeuroImage*, 59(2), 1551-1559.
- Wurm, M. F.**, von Cramon, D. Y., Schubotz, R. I. (2011). Do we mind other minds when we mind other minds' actions? A functional magnetic resonance imaging study. *Hum Brain Mapp*, 32(12), 2141-2150.

Articles under Review

- Porter, K. P., **Wurm, M. F.**, Caramazza, A. Individuation of connected object features and unconnected objects relies on a common neural mechanism in inferior intraparietal sulcus.

Talks

- Wurm, M. F.** New insights into the neural representation of action knowledge. Technical University Munich, Germany, October 2018.
- Wurm, M. F.** New insights into the neural representation of action knowledge. Institute of Cognitive Neuroscience (ICN), UCL, London, UK, January 2018.
- Wurm, M. F.**, Caramazza, A., Lingnau, A. The representational organization of action event knowledge along features of sociality and transitivity. Budapest CEU Conference on Cognitive Development (BCCCD), Budapest, Hungary, January 2018.
- Wurm, M. F.** The neural representation of action knowledge. CNRS, Lyon, France, November 2017.
- Wurm, M. F.** Transforming object features into action affordances. German Research Foundation (DFG) priority program meeting "Tool choosing and tool using", Cologne, Germany, July 2017.
- Wurm, M. F.** Decoding concrete and abstract action representations – an fMRI-based MVPA approach. *Belgian Association for Psychological Science (BAPS)*, Brussels, Belgium, May 2015.
- Wurm, M. F.**, Lingnau, A. Decoding action concepts at different levels of abstraction – an MVPA fMRI study (abstract award talk). Workshop on *Concepts, Actions, and Objects (CAOs) – Functional and neural perspectives (8th edition)*, Rovereto, Italy, May 2014.
- Wurm, M. F.**, Lingnau, A. Decoding action concepts at different levels of abstraction – an MVPA study. *56th Conference of Experimental Psychologists*, Gießen, Germany, April 2014.
- Wurm, M. F.**, Woitscheck, C., Giuliani D., Schubotz, R. I. Influence of spatial context on action recognition from toddlerhood to middle childhood. *54th Conference of Experimental Psychologists*, Mannheim, Germany, April 2012.
- Wurm, M. F.** Nonmotor inputs to action recognition. Center for Mind/Brain Sciences (CIMEC), University of Trento, Mattarello, Italy, May 2011.
- Wurm, M. F.**, Schubotz, R. I. Contextual information provided by domestic settings modulates action recognition. *53th Conference of Experimental Psychologists*, Halle, Germany, March 2011.

Abstracts in Conference Proceedings

- Wurm, M. F.***, Vannuscorps G.*, Striem-Amit, E., Caramazza A. (2017). The neural correlates of hand and foot action recognition in individuals born without upper limbs. *Journal of Vision* 17 (10), p. 988. *equal contribution.
- El-Sourani, N., Trempler, I. C., **Wurm, M. F.**, Fink, G. R., Schubotz, R. I. (2017). Making sense of objects lying about: How contextual objects shape brain activity during action observation.
- Ariani, G., **Wurm, M. F.**, Lingnau, A. (2014). Decoding free-choice movement selection during motor planning. *Journal of Neuroscience* (Supplement).
- Wurm, M. F.**, Hrkać, M., Schubotz., R. I. (2014). Embedding actions into episodes: benefits and costs detected with fMRI. In: *Güntürkün, O. (Ed.). Abstracts of the 49th Kongress der Deutschen Gesellschaft für Psychologie (DGPs)*, Lengerich: Pabst Science Publisher, p. 451.
- Wurm, M. F.**, Schubotz., R. I. (2014). Rooms imply actions – behavioral and fMRI evidence for contextual modulation of action observation. In: *Güntürkün, O. (Ed.). Abstracts of the 49th Kongress der Deutschen Gesellschaft für Psychologie (DGPs)*, Lengerich: Pabst Science Publisher, p. 451.
- Woitscheck, C., **Wurm, M. F.**, Giuliani, D., Schubotz, R. I. (2014). Cooking in the kitchen: room-action coupling informs action recognition in 4-8 year old children. In: *Güntürkün, O. (Ed.). Abstracts of the 49th Kongress der Deutschen Gesellschaft für Psychologie (DGPs)*, Lengerich: Pabst Science Publisher, p. 451.
- Schubotz, R. I., **Wurm, M. F.**, Wittmann, M. K., & von Cramon, D. Y. (2014). Objects tell us what action we can expect: Using fMRI to dissociate retrieval and exploitation of action knowledge in action observation. In: *Güntürkün, O. (Ed.). Abstracts of the 49th Kongress der Deutschen Gesellschaft für Psychologie (DGPs)*, Lengerich: Pabst Science Publisher, p. 450.

- Wurm, M. F.**, Lingnau, A. (2014). Decoding action concepts at different levels of abstraction – an MVPA fMRI study. *NeuroImage* (Supplement), p. 261.
- Ariani, G., **Wurm, M. F.**, Lingnau, A. (2014). Decoding free-choice movement selection during motor planning. *NeuroImage* (Supplement), p. 227.
- Wurm, M. F.**, Lingnau, A. (2014). Decoding action concepts at different levels of abstraction – an MVPA fMRI study. *Journal of Cognitive Neuroscience* (Supplement), p. 62.
- Wurm, M. F.**, Lingnau, A. (2014). Decoding action concepts at different levels of abstraction. In: *Schütz, A., Drewing, K., Gegenfurtner, K. (Eds.). Abstracts of the 56th Conference of Experimental Psychologists*, Lengerich: Pabst Science Publisher, p. 289.
- Ariani, G., **Wurm, M. F.**, Lingnau, A. (2014). Decoding free-choice movement selection during motor planning. In: *Schütz, A., Drewing, K., Gegenfurtner, K. (Eds.). Abstracts of the 56th Conference of Experimental Psychologists*, Lengerich: Pabst Science Publisher, p. 15.
- El-Sourani, N., **Wurm, M. F.**, Kluger, D., Schubotz, R. I. (2014). The role of contextual objects in action recognition. In: *Schütz, A., Drewing, K., Gegenfurtner, K. (Eds.). Abstracts of the 56th Conference of Experimental Psychologists*, Lengerich: Pabst Science Publisher, p. 62.
- Wurm, M. F.**, Petris, S., Ariani, G., Greenlee, M. W., Lingnau, A. (2013). Decoding actions across objects. *Journal of Neuroscience* (Supplement).
- Hrkać, M., **Wurm, M. F.**, Kühn, A. B., Schubotz, R. I. (2013). Making sense of subsequent action: neural signatures of spontaneous interpretation. In: *Ansorge, U., Kirchler, E., Lamm, C., Leder, H. (Eds.). Abstracts of the 55th Conference of Experimental Psychologists*, Lengerich: Pabst Science Publisher, p. 365.
- Hrkać, M., **Wurm, M. F.**, Kühn, A. B., Schubotz, R. I. (2012). Making sense of subsequent action: frontal signatures of spontaneous interpretation. *Neuroimage* (Supplement), p. 171.
- Wurm, M. F.**, Schubotz, R. I. (2012). The role of the temporoparietal cortex (TPJ) in action perception. *Journal of Cognitive Neuroscience* 24 (Supplement), p. 198.
- Wurm, M. F.**, Woitscheck, C., Giuliani D., Schubotz, R. I. (2012). Influence of spatial context on action recognition from toddlerhood to middle childhood. In: *Broeder, A., Erdfelder, E., Hilbig, B.E., Meiser, T., Pohl, R., Stahlberg, D. (Eds.). Abstracts of the 54th Conference of Experimental Psychologists*, Lengerich: Pabst Science Publisher, p. 145.
- Wurm, M. F.**, Schubotz, R. I. (2011). Contextual settings modulate action recognition: behavioral and functional imaging evidence. *Basal Ganglia*, vol: 1, issue: 2, pp. 111-112.
- Wurm, M. F.**, von Cramon, D. Y., Schubotz, R. I. (2011) Context frames provided by domestic settings modulate action recognition: a functional magnetic resonance imaging study. *Journal of Cognitive Neuroscience* 23 (Supplement), p. 53.
- Hrkać, M., **Wurm, M. F.**, Morikawa, Y., Schubotz, R. I. (2011). Merging acts to episodes: what is more important, consistency of the actor or the presence of overarching goals? *Journal of Cognitive Neuroscience* 23 (Supplement), p. 44
- Wurm, M. F.**, von Cramon, D. Y., Schubotz, R. I. (2011). Brushing teeth in the kitchen: How context frames provided by domestic settings modulate the recognition of actions – an fMRI study. In: *Bittrich, K., Blankenberger, S., Lukas, J. (Eds.). Beiträge zur 53. Tagung experimentell arbeitender Psychologen*, Lengerich: Pabst Science Publisher, p. 198.
- Hrkać, M., **Wurm, M. F.**, Morikawa, Y., Schubotz, R. I. (2011). Was ist wichtiger für das Verstehen einer Episode, Kohärenz der Person oder Handlungsziel? Neuronale Korrelate der Kohärenzbildung bei Handlungsbeobachtung. In: *Bittrich, K., Blankenberger, S., Lukas, J. (Eds.). Beiträge zur 53. Tagung experimentell arbeitender Psychologen*, Lengerich: Pabst Science Publisher, p. 236.
- Wurm, M. F.**, von Cramon, D. Y., Schubotz, R. I. (2010) Observing actions from allocentric perspectives triggers reflections about mental states. An fMRI study. In: *Frings, C., Mecklinger, A., Wentura, D., Zimmer, H. (Eds.). Beiträge zur 52. Tagung experimentell arbeitender Psychologen*, Lengerich: Pabst Science Publisher, p. 306.
- Wurm, M. F.**, von Cramon, D. Y., Schubotz, R. I. (2010) Dealing with Actions or Dealing with Actors? From Motor Simulation to Theory of Mind. *Journal of Cognitive Neuroscience* 22 (Supplement), p. 188.

Wurm, M. F., von Cramon, D. Y., Schubotz, R. I. (2010) Minding Minds during Minding Minds' Actions. An fMRI Study. *Human Brain Mapping* 22 (Supplement), p. 1495.

Poster Presentations

- Wurm, M. F.***, Vannuscorps G.*, Striem-Amit, E., Caramazza A. The neural correlates of hand and foot action recognition in individuals born without upper limbs. *Vision Science Society 17th Annual Meeting*, St Pete Beach, FL, USA, May 2017. *equal contribution.
- El-Sourani, N., Trempler, I. C., **Wurm, M. F.**, Fink, G. R., Schubotz, R. I. I spy with my little eye: How contextual objects shape brain activity during action observation. Workshop on *Concepts, Actions, and Objects (CAOs) – Functional and neural perspectives (11th edition)*, Rovereto, Italy, May 2017.
- El-Sourani, N., Trempler, I. C., **Wurm, M. F.**, Fink, G. R., Schubotz, R. I. Making sense of objects lying about: How contextual objects shape brain activity during action observation. *24th Annual Meeting of the Cognitive Neuroscience Society*, San Francisco, USA, April 2017
- Tucciarelli, R., **Wurm, M. F.**, Roth, Z., Zohary, E., Lingnau, A. Dissociating action states and functions - an fMRI-MVPA study. *CUBIC Workshop*, London, UK, June 2016.
- Wurm, M. F.**, Caramazza, A. Decomposing the neural components of social actions. Workshop on *Concepts, Actions, and Objects (CAOs) – Functional and neural perspectives (10th edition)*, Rovereto, Italy, May 2016.
- Wurm, M. F.**, Lingnau, A. Decoding action concepts from distinct categories – an MVPA study. Poster presented at *Social Cognition 2015*, Bangor, UK, August 2015.
- Wurm, M. F.**, Lingnau, A. Decoding action concepts from distinct categories – an MVPA study. Workshop on *Concepts, Actions, and Objects (CAOs) – Functional and neural perspectives (9th edition)*, Rovereto, Italy, May 2015.
- Tucciarelli, R., **Wurm, M. F.**, Roth, Z., Zohary, E., Lingnau, A. Dissociating action states and functions – an MVPA study. Workshop on *Concepts, Actions, and Objects (CAOs) – Functional and neural perspectives (9th edition)*, Rovereto, Italy, May 2015.
- Wurm, M. F.**, Hrkać, M., Schubotz, R. I. (2014). Embedding actions into episodes: benefits and costs detected with fMRI. *49. Kongress der Deutschen Gesellschaft für Psychologie (DGPs)*, Bochum, Germany, September 2014.
- Wurm, M. F.**, Schubotz, R. I. (2014). Rooms imply actions – behavioral and fMRI evidence for contextual modulation of action observation. *49. Kongress der Deutschen Gesellschaft für Psychologie (DGPs)*, Bochum, Germany, September 2014.
- Woitscheck, C., **Wurm, M. F.**, Giuliani, D., Schubotz, R. I. (2014). Cooking in the kitchen: room-action coupling informs action recognition in 4-8 year old children. *49. Kongress der Deutschen Gesellschaft für Psychologie (DGPs)*, Bochum, Germany, September 2014.
- Schubotz, R. I., **Wurm, M. F.**, Wittmann, M. K., von Cramon, D. Y. (2014). Objects tell us what action we can expect: Using fMRI to dissociate retrieval and exploitation of action knowledge in action observation. *49. Kongress der Deutschen Gesellschaft für Psychologie (DGPs)*, Bochum, Germany, September 2014.
- Wurm, M. F.**, Lingnau, A. Decoding action concepts at different levels of abstraction – an MVPA fMRI study. *20th Annual Meeting of the Organization of Human Brain Mapping*, Hamburg, Germany, June 2014.
- Wurm, M. F.**, Lingnau, A. Decoding action concepts at different levels of abstraction – an MVPA fMRI study (abstract award). Workshop on *Concepts, Actions, and Objects (CAOs) – Functional and neural perspectives (8th edition)*, Rovereto, Italy, May 2014.
- Ariani, G., **Wurm, M. F.**, Lingnau, A. (2014). Decoding free-choice movement selection during motor planning. *20th Annual Meeting of the Organization of Human Brain Mapping*, Hamburg, Germany, June 2014.
- Ariani, G., **Wurm, M. F.**, Lingnau, A. (2014). Decoding free-choice movement selection during motor planning (abstract award). Workshop on *Concepts, Actions, and Objects (CAOs) – Functional and neural perspectives (8th edition)*, Rovereto, Italy, May 2014.
- Wurm, M. F.**, Lingnau, A. Decoding action concepts at different levels of abstraction – an MVPA fMRI study. *21th Annual Meeting of the Cognitive Neuroscience Society*, Boston, USA, April 2014.

- Wurm, M. F.**, Petris, S., Ariani, G., Greenlee, M. W., Lingnau, A. Decoding actions across objects. Poster presented at *Neuroscience (SfN)*, San Diego, USA, November 2013.
- Wurm, M. F.**, Petris, S., Ariani, G., Greenlee, M. W., Lingnau, A. Decoding actions across objects. *3rd IMPRS NeuroCom Summer School*, Leipzig, Germany, July 2013.
- Hrkać, M., **Wurm, M. F.**, Kühn, A. B., Schubotz, R. I. Adding up subsequent actions: neural correlates of spontaneous interpretation. Workshop on *Concepts, Actions, and Objects (CAOs) – Functional and neural perspectives (7th edition)*, Rovereto, Italy, May 2013.
- Wurm, M. F.**, Petris, S., Ariani, G., Greenlee, M. W., Lingnau, A. Decoding actions across objects. Workshop on *Concepts, Actions, and Objects (CAOs) – Functional and neural perspectives (7th edition)*, Rovereto, Italy, May 2013.
- Hrkać, M., **Wurm, M. F.**, Kühn, A. B., Schubotz, R. I. Making sense of subsequent action: neural signatures of spontaneous interpretation. *55th Conference of Experimental Psychologists*, Vienna, Austria, March 2013.
- Hrkać, M., **Wurm, M. F.**, Kühn, A. B., Schubotz, R. I. Making sense of subsequent action: neural signatures of spontaneous interpretation. Poster presented at *NeuroVisionen 8*, Aachen, Germany, October 2012.
- Hrkać, M., **Wurm, M. F.**, Kühn, A. B., Schubotz, R. I. Making sense of subsequent action: frontal signatures of spontaneous interpretation. *18th Annual Meeting of the Organization of Human Brain Mapping*, Beijing, China, June 2012.
- Wurm, M. F.**, Schubotz, R. I. Taking the actor's perspective: The role of the temporoparietal cortex (TPJ) in action perception. Workshop on *Concepts, Actions, and Objects (CAOs) – Functional and neural perspectives (6th edition)*, Rovereto, Italy, May, 2012.
- Wurm, M. F.**, Schubotz, R. I. The role of the temporoparietal cortex (TPJ) in action perception. *19th Annual Meeting of the Cognitive Neuroscience Society*, Chicago, USA, April 2012.
- Hrkać, M., **Wurm, M. F.**, Morikawa, Y., Schubotz, R. I. Merging acts to episodes: What are the neural correlates of episodic embedding of observed actions? Poster presented at *Donders Discussions*, Nijmegen, Netherlands, October 2011.
- Wurm, M. F.**, Schubotz, R. I. Contextual settings modulate action recognition: behavioral and functional imaging evidence. *International Symposium of the Clinical Research Group 219*, Cologne, Germany, May 2011.
- Wurm, M. F.**, von Cramon, D. Y., Schubotz, R. I. Context frames provided by domestic settings modulate action recognition: a functional magnetic resonance imaging study. *18th Annual Meeting of the Cognitive Neuroscience Society*, San Francisco, USA, April 2011.
- Hrkać, M., **Wurm, M. F.**, Morikawa, Y., Schubotz, R. I. Merging acts to episodes: what is more important, consistency of the actor or the presence of overarching goals? *18th Annual Meeting of the Cognitive Neuroscience Society*, San Francisco, USA, April 2011.
- Hrkać, M., **Wurm, M. F.**, Morikawa, Y., Schubotz, R. I. Was ist wichtiger für das Verstehen einer Episode, Kohärenz der Person oder Handlungsziel? Neuronale Korrelate der Kohärenzbildung bei Handlungsbeobachtung. *53th Conference of Experimental Psychologists*, Halle, Germany, March 2011.
- Wurm, M. F.**, von Cramon, D. Y., Schubotz, R. I. Actions Implied by Domestic Settings: The Influence of Spatial Context on Action Recognition. Poster presented at *Anticipatory Behavior in Adaptive Learning Systems (ABiALS) – Spatial Representations and Dynamic Interactions*, ZiF Bielefeld, Germany, February 2011.
- Wurm, M. F.**, von Cramon, D. Y., Schubotz, R. I. Considering Mental States during Action Observation: The Intriguing Role of the Third Person Perspective uncovered by fMRI. Poster presented at *Neurovisionen 6*, Bochum, Germany, September 2011.
- Wurm, M. F.**, von Cramon, D. Y., Schubotz, R. I. Minding Minds during Minding Minds' Actions. An fMRI Study. *16th Annual Meeting of the Organization for Human Brain Mapping*, Barcelona, Spain, June 2010.
- Wurm, M. F.**, von Cramon, D. Y., Schubotz, R. I. Dealing with Actions or Dealing with Actors? From Motor Simulation to Theory of Mind. *17th Annual Meeting of the Cognitive Neuroscience Society*, Montreal, Canada, April 2010.

Wurm, M. F., von Cramon, D. Y., Schubotz, R. I. Observing actions from allocentric perspectives triggers reflections about mental states. An fMRI study. *52th Conference of Experimental Psychologists*, Saarbrücken, Germany, March 2010.

Wurm, M. F., von Cramon, D. Y., Schubotz, R. I. Observing Actions vs. Observing Actors: Where Motor Simulation meets Theory of Mind. *Third Vogt-Brodmann Symposium*, Jülich, Germany, December 2009.

Wurm, M. F., von Cramon, D. Y., Schubotz, R. I. Dealing with Actions or Dealing with Actors? From Motor Simulation to Theory of Mind. Poster presented at *Donders Discussions*, Nijmegen, Netherlands, October 2009.

Teaching

05/2015	Teaching Assistant – “Hands-on fMRI data analysis”, Center for Mind/Brain Sciences (CIMEC), University of Trento, Italy
03/2011 – 06/2011	Lecturer – “Experimental Psychology” (Seminar), Department of Psychology, University of Münster, Germany
10/2010 – 12/2010	Lecturer – “Biological Psychology” (Undergraduate Lecture, on behalf of Ricarda Schubotz), Department of Psychology, University of Münster, Germany
07/2004 – 12/2004	Teaching Assistant – “Introduction to Botany” (Undergraduate Course), University of Cologne, Germany
01/2004 – 06/2004	Teaching Assistant – “Introduction to Zoology” (Undergraduate Course), University of Cologne, Germany

Mentoring

05/2015 – Present	Daniel Kluger (Ph.D. Student; commission membership), University of Münster, Germany
10/2013 – Present	Nadiya El-Sourani (Ph.D. Student; co-supervision and commission membership), University of Münster, Germany
01/2015 – 07/2015	Matthias Gumbert (Bachelor Student; now Ph.D. Student at Max Planck Institute of Neurobiology, Martinsried, Germany), Center for Mind/Brain Sciences (CIMEC), University of Trento, Italy
09/2013 – 06/2014	Iman Honarpour (Master Student), Center for Mind/Brain Sciences (CIMEC), University of Trento, Italy
03/2014 – 06/2014	Dario Zaremba (Intern; now PhD Student at University of Münster, Germany), Center for Mind/Brain Sciences (CIMEC), University of Trento, Italy
06/2010 – 12/2010	Christina Artemenko (Bachelor Student; now Ph.D. student at University of Tuebingen, Germany), Max Planck Institute for Neurological Research in Cologne, Germany
2009 – 2011	Undergraduate Interns: Florian Bolenz (2011), Ilona Schneider (2011), Sonja Krettek (2011), Marcin Lipski (2011), Lizbeth Cardenas-Morales (2010), Yuka Morikawa (2010), Anna Schneider (2009, 2010), Constantin Erlenbeck (2009)

Other Academic Activities

Ad hoc Reviewer for *Brain Topography, Cerebral Cortex, Experimental Brain Research, Frontiers in Human Neuroscience, Frontiers in Perception Science, Human Brain Mapping, Journal of Cognitive Neuroscience, Journal of Neuroscience, NeuroImage, NeuroImage: Clinical, Neuropsychologia, Neuroscience Letters, PLoS One, Proceedings of the Royal Society B, Psychonomic Bulletin & Review, Science, Scientific Reports*

Reviewer for Deutsche Forschungsgesellschaft (DFG, German Research Foundation)

Symposium organization (“Action perception and action understanding: Developmental perspectives”) at the 54th *Conference of Experimental Psychologists*, Mannheim, Germany, April 2012

Professional memberships: Society for Neuroscience (SfN), Organization of Human Brain Mapping (OHBM), Cognitive Neuroscience Society (CNS)

Awards

Grant: DFG Research Fellowship (WU 767/1-1), 10/2014 – 03/2017, approx. €54000

Abstract award: Workshop on *Concepts, Actions, and Objects – Functional and neural perspectives (8th Edition)*, Rovereto, Italy, May 2014

Current Collaborations

Jorge Almeida (University of Coimbra, Portugal)
Alfonso Caramazza (Harvard University, USA)
Nadiya El-Sourani (University of Münster, Germany)
Mathias Hegele (University of Giessen, Germany)
Angelika Lingnau (Royal Holloway, University of London, UK)
Veronica Mazza (University of Trento, Italy)
Liuba Papeo (CNRS, Lyon, France)
Constantin Rezlescu (UCL, UK)
Ricarda I. Schubotz (University of Münster, Germany)
Ella Striem-Amit (Harvard University, USA)
Raffaele Tucciarelli (Birkbeck, University of London, UK)
Gilles Vannuscorps (Université catholique de Louvain, Belgium)
Ehud Zohary (Hebrew University, Israel)