

CURRICULUM VITAE

Personal & Contact Data

Name Bjoern Joerges
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Email adresse: bjoerges@yorku.ca
Nationality German
Date and place of birth: June 23, 1989, Schweinfurt, Germany

Education and Academic Positions

Since 10/2019: PostDoc position at the Center for Vision Research,
York University, Toronto, Canada, funded by the
Canadian Space Agency

03/2016– 09/2019 PhD Research position at the Department of
Cognition, Development and Psychology of
Education, Faculty of Psychology, University of
Barcelona in Barcelona, Spain
Degree awarded: PhD in Cognitive Science and
Language "Sobresaliente/Cum Laude"

10/2015 – 02/2016 Middle European Interdisciplinary Master's Program
in Cognitive Science at University of Vienna in
Vienna, Austria

10/2012 – 09/2015 Master of Arts in Cognitive Science and Language at
University of Barcelona in Barcelona, Spain
Degree awarded: Master of Arts with an average
grade of 8.3 (on a scale from "0-4 – Suspended" to
"10 – With honors")

09/2008 – 09/2012 Bachelor of Arts in Translation Science at University
of Heidelberg, with ERASMUS exchanges to
Universidad de Pablo de Olavide, Seville, Spain, and
Universidade do Porto, Porto, Portugal
Degree awarded: Bachelor of Arts with an average
grade of 1.3 (on a scale from "1 – Very good" to "5 –
Suspended")

Research focus area

My research is focused on the role of vestibular cues for visual perception and the interaction between self-motion and the visual perception of object motion in our environment.

I have furthermore a strong interest in Philosophy of Science and I am a defender of Open Science practices, as well as a proud member and supporter of the LGBTQ+ community.

Presentations

- Jörges, B. & Harris, L. R. (2020, May 15-20) *Incomplete compensation for visual self-motion in the perception of object velocity* [Poster Session]. 2020 Annual Meeting of the Vision Science Society, St. Pete's Beach, Florida, USA (accepted)
- Jörges, B. & Harris, L. R. (2020, May 1–3) *Incomplete compensation for self-motion in the visual perception of object velocity during a visual-vestibular conflict* [Poster Session]. 2020 Vestibular-Oriented Research Meeting, York University, Toronto, Canada (accepted; conference cancelled)
- Jörges, B. & Harris, L. R. (2020, January 10) *Incomplete compensation for visual self-motion in the perception of object velocity* [Poster Session]. LGBTQ+ STEMinar 2020, University of Birmingham, Birmingham, United Kingdom
- Jörges, B. & López-Moliner, J. (2019, May 17-22) *Earth-Gravity Congruent Motion Facilitates Ocular Control for Pursuit of Parabolic Trajectories* [Poster Session]. Vision Science Society, St. Pete's Beach, Florida, USA
- Jörges, B. & López-Moliner, J. (2019, January 11) *Earth-Gravity Congruent Motion Facilitates Ocular Control for Pursuit of Parabolic Trajectories* [Poster Session]. LGBTQ+ STEMinar, Institute for Physics, London, United Kingdom
- Jörges, B. (2018, July 5) *Challenges of LGBTQ+ Persons in Academia* [Oral Presentation]. LGBTQ+ in STEM Day 2018, University of Barcelona, Barcelona, Spain
- Jörges, B., Hagenfeld, L. & López-Moliner, J. (2018, May 18-23) *Moderate Influence of Certainty about Target Size on Visual Gravity Judgements* [Poster Session]. 2018 Annual Meeting of the Vision Sciences Society, St. Pete Beach, Florida, USA
- Jörges, B. & López-Moliner, J. (2017, August 27-31) *Decision Variables in Visual Gravity Judgements: Evidence from Simulating the Decision Process* [Poster Session]. European Conference on Visual Perception 2017, Berlin, Germany
- Jörges, B. (2017, June 22) *Nothing New under the Sun: Problem of Induction still not Solved* [Poster Session]. Middle European Interdisciplinary Conference in Cognitive Science 2017, Budapest, Hungary
- Jörges, B. & López-Moliner, J. (2017, May 19-24) *Temporal derivative of the elevation angle as a cue for visually perceived gravity* [Poster Session]. Annual Meeting of the Vision Sciences Society, St. Pete Beach, Florida, USA

Jörges, B. & López-Moliner, J. (2016, November 30 - December 1) *Temporal derivative of the elevation angle as a cue for visually perceived gravity* [Poster Session]. 2nd PhD Workshop of the Institute of Neuroscience 2016, University of Barcelona, Barcelona, Spain

Jörges, B., Hoogland, D., & Fischer, B. (2016, November 18-19) *Do Scientific Convictions Serve as a Buffer against Death Anxiety?* [Oral Presentation]. 2016 Workshop on Experimental Philosophy of the Berlin School of Mind and Brain, Berlin, Germany

Peer-Reviewed Publications

Jörges, B., & López-Moliner, J. (2019). Earth-Gravity Congruent Motion Facilitates Ocular Control for Pursuit of Parabolic Trajectories. *Scientific Reports*, 9(1), 1–13.
<https://doi.org/10.1038/s41598-019-50512-6>

Jörges, B., Hagenfeld, L., & López-Moliner, J. (2018). The use of visual cues in gravity judgements on parabolic motion. *Vision Research*, 149, 47–58.
<https://doi.org/10.1016/J.VISRES.2018.06.002>

Jörges, B., & López-Moliner, J. (2017). Gravity as a Strong Prior: Implications for Perception and Action. *Frontiers in Human Neuroscience*, 11(203).
<https://doi.org/10.3389/fnhum.2017.00203>

Preprints and manuscripts under Review

Jörges, B., Harris, L. (Forthcoming). Object Speed Perception During Lateral Self-Motion. Attention, Perception and Psychophysics (under Review as *Stage One Registered Report*).

Jörges, B., & López-Moliner, J. (2020). Characterizing the Strong Earth Gravity Prior. *PsyArXiv*, 1–19. <https://doi.org/10.31234/osf.io/exp93> (also under Review at PLOS One).

Administrative and Leadership Experience

Head of the Organizing Committee for PRISMA Conference 2020 on LGBTIQA+ Diversity in Science, Technology and Innovation, planned for November 2020 in Madrid, Spain

Director for Science and Research at the Spanish Association for LGBTIQA+ Individuals in Science, Technology and Innovation PRISMA (2019 until now)

Member of the 3rd PhD Workshop of the Institute of Neuroscience (2018) PhD committee at University of Barcelona in Barcelona, Spain

Main Organizer of the 1st LGBTQ+ in STEM Day at University of Barcelona, in Barcelona, Spain (2018)

Member of the 2nd PhD Workshop of the Institute of Neuroscience (2017) PhD committee at University of Barcelona in Barcelona, Spain

Member of the Council of the Department of Cognition, Development and Psychology of Education (2016-2019) at University of Barcelona in Barcelona, Spain

Teaching

Practical part of a seminar on Basics of Visual Perception (10-12/2017 and 10-12/2018)

Internships, Summer Schools et al.

PhD Research Internships with Myrka Zago at Santa Lucia Foundation, Rome, Italy, developing a project on motion time discrimination for gravitational parabolic movement (July–October 2017 and September/October 2018)

4th Summer School on Statistical Methods for Linguistics and Psychology, Bayesian Inference track, University of Potsdam, Potsdam, Germany (September 7-11 2020; accepted)

Funding

Travel Award ACI 2017-2 issued by the Institute of Neuroscience, University of Barcelona, Spain, for participation in the European Conference for Visual Perception 2018 in Berlin, Germany

PhD scholarship “Ajuts per a la contractació de personal 753 investigador novell (FI-2016)” from the Catalan government for a period of three years (2016 – 2019)

Professional Memberships

[Vision Sciences Society](#)

[PRISMA – Asociación para la Diversidad Afectivo-Sexual y de Género en Ciencia, Tecnología e Innovación](#)

[Out in Science, Technology, Engineering, and Mathematics \(oSTEM\)](#)

Media Appearances

Interview about the importance of LGBTIQ+ perspectives in Science, Technology and Innovation in the Spanish online newspaper “El Salto Diario” (September 2019)

Further Skills and Information

German (Native), English/Spanish/Portuguese (near Native), Catalan/Italian (Proficient), French (Basic knowledge)

Data Analysis in R (Expert) and Julia (Proficient), Experimental Control Flows in Python/PsychoPy and Unity (Proficient)

Member of the LGBTQ+ sports organization Panteres Grogues (2013 – 2019) in
Barcelona, Spain, including participation as competitive player in the 2nd Division
of the Catalan Volleyball League (2016 – 2019)