

CURRICULUM VITAE

Personal & Contact Data

Name Bjoern Joerges
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Nationality German
Date and place of birth: 23 of June 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

10/2015 – 02/2016 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 Universidad 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 internalized knowledge of earth gravity in visual perception and the interaction between self-motion and the visual perception of objects 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.

Conferences and Workshops

Poster presentation in Visual Perception entitled “Earth gravity-congruent motion benefits pursuit gain for parabolic trajectories”, presented at:

- *2020 Annual Meeting of the Vision Science Society (VSS 2020)* in St. Pete Beach, Florida, USA
- *LGBTQ+ STEMinar 2020* at University of Birmingham, United Kingdom

Poster presentation in Visual Perception entitled “Moderate Influence of Certainty about Target Size on Visual Gravity Judgements”, presented at:

- *2019 Annual Meeting of the Vision Sciences Society (VSS 2019)* in St. Pete Beach, Florida, USA
- *LGBTQ+ STEMinar 2019* at the Institute of Physics, London, United Kingdom

Oral presentation entitled “Challenges of LGBTQ+ persons in Academia” at the 1st LGBTQ+ in STEM Day at University of Barcelona

Poster Presentation in Visual Perception entitled “Decision Variables in Visual Gravity Judgements: Evidence from Simulating the Decision Process” at the *40th European Conference on Visual Perception ECVP 2017* in Berlin, Germany

Poster presentation in Philosophy of Science entitled “Nothing New under the Sun: Problem of Induction still not Solved” at the *Middle European Interdisciplinary Conference in Cognitive Science 2017* in Budapest, Hungary

Poster presentation in Visual Perception entitled “Temporal derivative of the elevation angle as a cue for visually perceived gravity”, presented at

- *2017 Annual Meeting of the Vision Sciences Society* in St. Pete Beach, Florida, USA
- *2017 PhD Workshop of the Institute of Neuroscience* at University of Barcelona, Spain

Talk in Terror Management Theory entitled “Do Scientific Convictions Serve as a Buffer against Death Anxiety?” at the *Workshop on Experimental Philosophy of the Berlin School of Mind and Brain*

Publications

Jörges, B., & López-Moliner, J. (2019). Earth-Gravity Congruent Motion Benefits Visual Gain for Parabolic Trajectories Methods. BioArxiv, 547497.
<https://doi.org/https://doi.org/10.1101/547497> (also accepted for publication at Scientific Reports)

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>

Administrative and Leadership Experience

Director for Science and Research at the Spanish LGBTIQA+ STEM association *PRISMA* (April 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 (starting 2016) 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)

Collaborations and Internships

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)

Funding

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

Institute of Neuroscience, University of Barcelona

PRISMA – Asociación para la Diversidad Afectivo-Sexual y de Género en Ciencia, Tecnología e Innovación

Out in Science, Technology, Engineering, and Mathematics (oSTEM)

Further Skills and Information

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

Data Analysis in R (Proficient), Experimental Control Flows in Python/PsychoPy
(Proficient)

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