Cemre Yilmaz

Postal address: Graz, Austria

Email: cemreyilmaz@yahoo.com

ORCID ID: 0000-0001-5998-8664 Personal website: cemreyilmaz.com

ACADEMIC QUALIFICATIONS

03/2021 – 07/2026	Dr. rer. nat. (equivalent to PhD) in Psychology University of Graz, Austria Dissertation title: *Phenomenology of transitions in binocular rivalry,* supervised by Natalia Zaretskaya
09/2016 – 07/2019	MSc in Neuroscience Bilkent University, Turkey Title of thesis: *Effect of visual stimuli with fearful emotional cue on population receptive field estimates,* supervised by Huseyin Boyaci
09/2009 – 06/2015	BSc in Molecular biology and genetics Middle East Technical University (METU), Turkey Title of thesis: *Determination of motor cortex by using fNIRS,* supervised by Didem Gokcay

RESEARCH EXPERIENCE

09/2020 – 08/2025	FWF Project employee Visual Neuroscience Lab, University of Graz
10/2019 – 03/2020	Research intern Brain Mind Institute, EPFL, Switzerland
10/2016 – 06/2019	Research assistant Computational and Biological Vision Group, Bilkent University, Turkey

OTHER WORK EXPERIENCE

05/2026 – Present	AI Quality Reviewer & Freelance UX Consultant Self-employed, remote
10/2014 – Present	Editorial & Digital Consultant Dusunbil Publishing, Turkey (informal relation)

CAREER BREAK

01/2022-09/2022	Maternity leave

ACADEMIC ACHIEVEMENTS

Talks

- 09/2024: “Transitions during binocular rivalry vary in appearance across stimulus types”, DGPs and ÖGP Joint Congress, Vienna, Austria
- 10/2023: “Variety of transition appearance during binocular rivalry”, Trieste Symposium on Perception and Cognition, Trieste, Italy
- 03/2024 (Public): “How do we form mental images?”, 3 Minute Thesis Competition, Graz, Austria

Selected Posters

- 08/2026: “Transitions in binocular rivalry qualitatively change with age”, 48th European Conference on Visual Perception (ECVP), Bournemouth, UK
- 12/2024: “What influences our perception? Study of perceptual transition during binocular rivalry”, 2nd INGE St. Day (Styria Brain Research Initiative), Graz, Austria
- 08/2023: “Transitions during binocular rivalry vary in appearance across stimulus types”, 45th European Conference on Visual Perception (ECVP), Paphos, Cyprus

Open Science Projects

- Yilmaz, C.; Zaretskaya, N. (2025) Top-down and bottom-up effects on the subjective experience during binocular rivalry. OSF project. doi: 10.17605/OSF.IO/FQYXB
- Yilmaz, C.; Zaretskaya, N. (2024) The complexity of subjective experience during binocular rivalry. OSF project. doi: 10.17605/OSF.IO/N6DQF
- Behavioral Data Analysis Toolkit for Transitions in Binocular Rivalry. GitHub, 2024. R Package: transrivalry
- R-based Preprocessing Tool for Binocular Rivalry Data. GitHub, 2024. R Package: preprivalry

Awards

- Active Conference Participation Grant for Doctoral Students (€800), Research Career Campus, University of Graz
- Research Prize (€350): COVID-19 stipend of the Austrian Society for Psychology, 2022
- Monthly Stipend for Research Internship, EPFL Brain Mind Institute, Switzerland (10/2019-03/2020)
- Best Poster Award (3rd Place, covering the registration fee for FENS Regional Meeting), *17th Turkish Congress of Neuroscience (*04/2019*)*
- Full Tuition Scholarship with Monthly Stipend, Bilkent University (09/2016-07/2019)

CERTIFICATIONS

- Microsoft Learn for Educators (MSLE) AI Technical Foundations Bootcamp – ETC (02/2026)
- Google AI Essentials & Prompting Essentials – Google (01/2026)
- Mastering Software Development in R Specialization – The Johns Hopkins University (11/2021)

ADDITIONAL SKILLS

MS Office: Word, Excel, PowerPoint, Outlook

Tools & Programming: R (ggplot2, tidyverse, lmer4), MATLAB, Python (pandas, NumPy, Matplotlib), SQL, Git, OSF, Jupyter, Markdown

Research workflows: Experimental design, Behavioral data collection, EEG & fMRI data analysis, Reproducible research workflows

Graphic & Layout: Adobe InDesign, Canva, Inkscape

Language: English (C1) · Turkish (Native) · German (A2)

Graz, 4.09.2026