

SHORT CURRICULUM VITAE – BAIWEI LIU

— BAIWEI LIU —

Email: b.liu@vu.nl
ORCID: 0000-0002-7857-4456
Website: <https://research.vu.nl/en/persons/baiwei-liu>
Citations: <https://scholar.google.com/citations?user=ijPbNNMAAAAJ&hl=en>

— POSITIONS —

PhD candidate 2020 – Now (Expected 2025)	Vrije Universiteit Amsterdam, NL PI: Freek van Ede
Master student 2018 – 2020	Vrije Universiteit Amsterdam, NL

— AWARDS —

2022 **Best Poster Award**, European Conference on Eye Moments (ECEM)

— PUBLICATIONS —

9. **Liu, B.** & van Ede, F. (2025) Concurrent selection of internal goals and external sensations during visual search. *BioRxiv*
8. **Liu, B.**, Siyang K., & van Ede, F. (2024) Microsaccades strongly modulate but do not cause the N2pc EEG marker of spatial attention. *BioRxiv*
7. **Liu, B.**, Alexopoulou Z. S., Siyang K., Zonneveld A., & van Ede, F. (2023) Sparse spatial scaffolding for visual working memory. *BioRxiv*
6. **Liu, B.**, Alexopoulou Z. S., & van Ede, F. (2024) High-level visual cognition deep down in the brain. *Trends in Cognitive Sciences*
5. **Liu, B.**, Alexopoulou Z. S., & van Ede, F. (2024) Attentional shifts bias microsaccade direction but do not cause new microsaccades? *Communications Psychology*
4. **Liu, B.**, Alexopoulou Z. S., & van Ede, F. (2024) Jointly looking to the past and the future in visual working memory. *Elife*
3. **Liu, B.**, Nobre, A. C. & van Ede, F. (2023) Microsaccades transiently lateralise EEG alpha activity. *Progress in Neurobiology*
2. **Liu, B.**, Nobre, A. C. & van Ede, F. (2022) Functional but not obligatory link between microsaccades and neural modulation by covert spatial attention. *Nature communications*
1. **Liu, B.**, Li X., Theeuwes J., Wang B. (2022) Long-term memory retrieval bypasses working memory. *NeuroImage*

— TALKS —

2025 Vision Science Society (VSS) conference, USA

2024 Vision Science Society (VSS) conference, USA
2024 Working Memory Symposium (WMS) online meeting
2023 Cognitive Neuroscience Society (CNS) conference, USA
2022 Vision Science Society (VSS) conference, USA
2021 Working Memory Symposium (WMS) online meeting

— RESPONSIBILITIES —

2023-2024 **PhD Representative**, Cognitive Psychology Section, Vrije Universiteit Amsterdam

— SUPERVISION OF STUDENT —

9 Master Students

— REVIEW —

Nature Human Behaviour | Nature Communications | Journal of Neuroscience | Communications Psychology | Imaging Neuroscience | Journal of Vision.

— SKILL —

Coding: Python | Matlab

Design and Analysis: Behavior | Electrophysiology | Eye movement | fMRI | Decoding

Language: English | Chinese

— REFERENCES —

Dr. Prof. Freek van Ede
Department of Experimental and Applied Psychology
Vrije Universiteit Amsterdam
Email: freek.van.ede@vu.nl

Dr. Prof. Christian Olivers
Department of Experimental and Applied Psychology
Vrije Universiteit Amsterdam
Email: c.n.l.olivers@vu.nl