

## **Postdoctoral researcher in Cognitive Neuroscience/Cognitive Psychology**

University of Bern, Institute of Psychology, Department of Cognitive Psychology, Perception, and Research Methods

Start 1 January 2025 or by mutual agreement

Location: University of Bern, Institute of Psychology ([www.kog.psy.unibe.ch](http://www.kog.psy.unibe.ch))

This position is part of an SNF project aiming to investigate the interplay of mental imagery and perception. Specifically, the project investigates how eye movements during mental imagery can inform about the underlying mechanisms, in particular how perception and mental imagery interact and how this shapes reality monitoring.

The successful candidate will collaborate and is responsible for refining, implementing, and conducting experiments on mental imagery and visual perception, using behavioral methods, eye tracking and neuroimaging (fMRI). The obtained data will be analyzed jointly with advanced statistical methods.

### Requirements:

- PhD in Psychology, Cognitive Science, Neuroscience, Computer Science or any related experimental discipline
- A deep understanding of statistical modeling and strong programming skills (in R, Python, and/or MATLAB), including SW commonly used in advanced neuroimaging analysis (e.g., connectivity analysis, MVPA)
- High motivation, commitment, and ability to work independently
- Acting involvement in securing further funding
- Prior experience in eye tracking is desirable but not required.

### We offer:

- A stimulating, diverse and supportive research environment
- Opportunities for professional development and career advancement
- Family-friendly work-environment
- Remuneration according to the guidelines of the Swiss National Science Foundation
- Duration of employment: 2 years

To apply, please send CV and a letter of motivation to Fred Mast, PI of the project: [fred.mast@unibe.ch](mailto:fred.mast@unibe.ch). We encourage applications from individuals of all backgrounds, including those traditionally underrepresented in science.