# Job posting

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**Title**

Several positions for doctoral researcher at the IMPRS on Cognitive NeuroImaging

**Institution**

The International Max Planck Research School on Cognitive NeuroImaging invites excellent students holding a master’s degree (or equivalent) to pursue a PhD in the field of Cognitive NeuroImaging. The IMPRS on Cognitive NeuroImaging covers the highly interdisciplinary and fast-paced fields of cognitive neuroscience, clinical and translational neuroscience, and neuroimaging. With the Max Planck Institute for Human Cognitive and Brain Sciences (MPI CBS), Leipzig, Leipzig University (LU), TU Dresden (TUD), and University College London (UCL) the IMPRS on Cognitive NeuroImaging integrates leading regional and international partner institutions.

**Position**

The IMPRS on Cognitive NeuroImaging aims to recruit and educate international, motivated, curious, independent, self-organized and highly talented doctoral researchers who wish to extend their knowledge and research experience in a structured 3-year PhD program on cognitive neuroimaging. The graduate school offers its doctoral researchers outstanding research opportunities in a very international and multidisciplinary environment. It includes access to state-of-the-art cognitive and imaging neuroscience facilities, e.g. 7T MRI scanner, four 3T MRI scanners including a Connectom MRI scanner equipped with ultra-strong gradients (one of only four worldwide), a 306 channel MEG system, several TMS, TDCS, NIRS, and EEG systems.

Research projects and teaching are assigned to three thematic modules (Cognitive Neuroscience, Clinical and Translational Neuroscience, Development of Neuroimaging and Modeling Methods). Our faculty is very interdisciplinary and comprises more than 30 highly-renowned researchers from our participating research organisations performing high-end research related to one of the three modules.

**Responsibilities**

Doctoral researchers conduct a PhD project in the lab of their supervisor. For more information on available PhD projects, please visit: [https://imprs-coni.mpg.de/general-information/recruiting-faculty](https://imprs-coni.mpg.de/general-information/recruiting-faculty)

In addition to the PhD project, the IMPRS on Cognitive NeuroImaging offers its doctoral researchers a cutting-edge educational program that integrates innovative teaching approaches including hybrid teaching, flipped classroom activities, as well as remote learning elements to accelerate students’ learning curves and furthermore emphasizes on Open Science education. The teaching program is adapted to each doctoral researcher’s individual needs and academic background via an individual development plan and offers a wide range of theoretical and methodological training opportunities in the rapidly evolving field of cognitive neuroimaging. General introductory courses and project-specific advanced training provide doctoral researchers with a solid foundation for their
theses. The emphasis on neuroimaging and computational modeling further strengthens this foundation and enables new types of doctoral projects at the leading edge of the field. Lecture series will be supplemented by a broad spectrum of scientific and transferable skills courses and also emphasizes on teaching Open Science and good research practices.

Doctoral researchers receive the opportunity of lab visits for up to three months at one of our partner institutions.

### Requirements

Applicants should come with an excellent master’s degree (or equivalent) in a wide spectrum of potential disciplines such as cognitive neuroscience, computational neuroscience, translational neuroscience, psychology, medicine, neurobiology, computer science, engineering, mathematics, physics, neuroimaging, biochemistry, or related fields. The master’s degree should have been awarded by an internationally recognized university. Students nearing completion of their master's degree are also encouraged to apply. Research experience in an area related to the graduate school’s scope is essential for successful candidates. Proficiency in oral and written English is crucial as English is the teaching and supervision language. Applicants with a bachelor’s degree will, in exceptional cases, also be admitted to the school.

### Application procedure (deadline etc.)

Deadline for applications is 15 November 2023. Applications will be reviewed and evaluated in several stages. Shortlisted candidates will be invited for interviews with the graduate school’s faculty, which take place in January 2024. The PhD program starts in October 2024, based on the availability of funding candidates may start the position earlier than this date.

### Contact

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