



The **Leibniz Institute for Astrophysics Potsdam (AIP)** is a publicly funded German research institute with a long history, including the Berlin Observatory and the Astrophysical Observatory Potsdam. The latter was the world's first observatory to emphasize explicitly the research area of astrophysics. Today, the AIP has an international reputation as a competence centre for the development of research technology in the fields of spectroscopy, robotic telescopes and E-Science. About 130 scientists work on a variety of astrophysical topics such as magnetic fields, solar and stellar physics, stellar and galactic evolution and cosmology. As a member of staff of the AIP, you will have the advantage of living very close to the Berlin metropolitan area as well as enjoying the calm, family-friendly area of Potsdam-Babelsberg for your work place and residence.

The Cosmic Magnetic Field branch of AIP is seeking up to three

PhD students (f/m/d)

in astronomy and astrophysics with specific topics in cosmic and stellar magnetic fields, solar and stellar physics and activity, star-planet interactions, high-resolution spectroscopy, spectropolarimetry, and robotic telescopes.

The students will work in Potsdam-Babelsberg under the guidance and supervision of AIP staff in close relation with the University of Potsdam, and will be supported by a wide group of AIP researchers and other PhD students. The research projects available include the use of the Large Binocular Telescope, the largest optical/IR telescope in the world, or the use of supercomputers just to name two directions. The specific PhD topics are wrapped around the joint theme of cosmic magnetic fields and can be adapted to the preferences and skills of the successful applicant in consultation with AIP supervisors.

The positions are for 4 years at a salary of 50% TV-L E13 and include employer contributions to medical insurance, parental leave, and retirement benefits. The AIP is an equal opportunity employer and particularly encourages applications from women and other underrepresented groups. Email enquiries may be addressed to kstrassmeier@aip.de.

To apply, please send one pdf file containing your curriculum vitae, the title of your diploma or master thesis, a short description of your interests and previous research experience, and the contact information for three references who may be contacted later in the application process to the following email address, using the subject "PhD positions B1":

bewerbung_2020-02@aip.de

Applications received before March 1, 2020 will receive full consideration, but later ones may be considered until the positions are filled. Further information is available at <https://www.aip.de/en/for-students/bachelor-master-and-phd-thesis>.