



The Leibniz Institute for Astrophysics Potsdam (AIP) is a publicly funded German research institute with a long record in history, which includes 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, AIP has an international reputation as a competence center 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 staff member of AIP, you will have the advantage to live in the Berlin-Potsdam metropolitan area as well as enjoying the calm, family-friendly area of Potsdam-Babelsberg for your work place.

The Leibniz Institute for Astrophysics Potsdam (AIP) invites applications for a

Doctoral Researcher in Solar Physics (f/m/d)

The position is within the project »From Flux Emergence to Decay – A High-resolution Study of Sunspots« supported by the German Research Foundation (DFG).

The focus of the doctoral research project is the growth and decay of sunspots using state-of-the-art multi-wavelength and multi-instrument high-resolution data in combination with state-of-the-art data handling techniques. During the doctoral studies, the successful candidate will develop expertise in solar observations, imaging and near-infrared spectropolarimetry, high-resolution imaging, spectral inversion techniques, and analysis of data from solar space missions.

We are seeking a highly motivated student with a Master degree in physics or astronomy & astrophysics with good/very good grades according to the German grading scheme for higher education. A good command of spoken and written English and basic programming skills are desirable. Genuine interest or some experience in solar physics research, astronomical observations will be highly beneficial. The doctoral student will be registered at University of Potsdam, which also grant the doctoral degree.

The appointment is a fixed-term contract for three years. The salary is based on the German public service scale (75% working time, TV-L E13), which includes employer contributions to medical and dental insurance, maternity leave and retirement benefits.

As an equal opportunity employer AIP considers individuals for employment according to their skills, abilities and experiences. Preference will be given to handicapped persons with equal competence. Women are especially encouraged to apply.

Applications for and inquiries about the doctoral position should be send to Dr. Meetu Verma preferably via e-mail to bewerbung_2019-19@aip.de. To apply, please send a single PDF file containing curriculum vitae including publications, transcripts, motivation letter including statements on education, skills and experience. If applicable, please attach separately the copies of Bachelor and/or Master Thesis. Applicants should also arrange for two letters of recommendation to be sent. Review of applications will begin 2019 October 1, and continue until the position is filled.