



# Leibniz-Institut für Astrophysik Potsdam

The Leibniz Institute for Astrophysics Potsdam (AIP; [www.aip.de](http://www.aip.de)) 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 High-resolution spectroscopy and Polarimetry section is seeking a

## Postdoctoral young researcher (m/w/d)

### Your duties

- Monitoring and maintaining the spectroscopic data reduction pipelines
- Quality control of the final data products
- Creating and maintaining a new spectroscopic data release portal
- Basic exploitation of the spectra: radial velocity, stellar parameters, abundances
- Supporting users of the spectroscopic data products

### Your profile:

- PhD degree in astrophysics or a related discipline at the time of starting the position
- Solid experience in high-resolution spectroscopy including data reduction and data analysis using a state-of-the-art optical spectrograph
- Experience in using data from the STELLA Échelle Spectrograph (SES)
- Experience of data analysis using python
- Experience of using SQL databases, preferably postgresql, and interfacing them using python
- Programming experience with python, C, C++, Fortran

We offer a modern working environment, a spacious office, located on the historical Babelsberg Campus within the UNESCO World Heritage Site “Palaces and Parks of Potsdam and Berlin”, and flexible working hours. The salary is based on the German public service scale (TV-L E13), including employer contributions to medical insurance, parental leave, retirement benefits, and a subsidy for the job ticket for public transportation. The position is to be filled for an initial period of 2 years and is renewable.

To apply, register at <https://jobs.aip.de/rec107> and follow the instructions to upload PDFs of your cover letter, statement of research experiences and interests relevant to this position (max. 2 pages), curriculum vitae, publication list, certificates, and contact details of three persons for a letter of recommendation.

Applications received before 31.05.2021 will be given full consideration. However, applications

received after this date may be considered until the position is filled.

The AIP is an equal opportunity employer who values diversity and particularly encourages women and members of other underrepresented groups to apply. Inquiries about the position should be sent to: [bewerbung.2021-14@aip.de](mailto:bewerbung.2021-14@aip.de)

Your application documents will be retained for at least three months after completion of the appointment process. Your documents will be made available to a selection committee and to the committees and officers involved.

