



# Leibniz-Institut für Astrophysik Potsdam

The Leibniz Institute for Astrophysics Potsdam (AIP) is dedicated to astrophysical questions ranging from the exploration of our Sun to the evolution of the cosmos. Key aspects are cosmic magnetic fields and extragalactic astrophysics, supported by the development of research technology in the fields of spectroscopy, robotic telescopes, and e-science. The institute is located in the beautiful Potsdam-Babelsberg area, at the southwestern border of the Berlin metropolitan area. The AIP continues the tradition of the Astrophysical Observatory Potsdam and the Berlin Observatory (founded 1700) and has about 200 employees.

For the reinforcement of the Milky Way and Local Volume section we are looking to fill a

## Postdoctoral Researcher position (m/f/d) in Galactic Archaeology

starting in the second half of 2022.

### The Position

The candidate will work in the general field of Galactic Archaeology, aiming to improve our understanding of the formation and evolution processes of the Milky Way galaxy and similar galaxies. Of particular interest is the exploitation of the science potential of ESA's Gaia mission in combination with large spectroscopic surveys, especially those to be carried out with the 4MOST facility ([www.4most.eu](http://www.4most.eu)).

### Requirements and selection criteria

Applicants should hold a Ph.D. degree or equivalent in astrophysics or a related discipline at the time of starting the position. Applications are encouraged from scientists with an excellent track record of high-quality research publications in their respective sub-field. Experience in the following fields is advantageous for the position: stellar spectroscopy and stellar abundance analysis, Milky Way formation models and simulations, supervised and unsupervised Machine Learning techniques, and working within extended science collaborations.

### Offering

A salary depending on the requirements of the German public service collective agreement (professional experience and expertise) up to pay grade TV-L E13, as well as the social benefits of the collective agreement for the public service (TV-L) including the company pension VBL with pension for reduced earning capacity and surviving dependents as well as a subsidy for the job ticket. AIP offers an open-minded and cooperative working atmosphere in a modern working environment, very well equipped and located in the middle of a UNESCO World Heritage Site.

### Application

To apply, please register at <https://jobs.aip.de/rec117/> and follow the instructions to upload pdf-files of your curriculum vitae, a list of publications, a statement of past, current and future research of maximal four pages, and contact information for three referees. Applications received before December 15, 2021, will receive full consideration. For further information, please contact [bewerbung-2021-26@aip.de](mailto:bewerbung-2021-26@aip.de).

Equal opportunities are an integral part of personnel and organisational development at the AIP, therefore applications from men and women are equally welcome. People with disabilities will be given preferential consideration if they are equally qualified and skilled.

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

**Contact:**

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