



# Leibniz-Institut für Astrophysik Potsdam

Leibniz-Institut für Astrophysik Potsdam · An der Sternwarte 16 · 14482 Potsdam

The Leibniz Institute for Astrophysics Potsdam (AIP) is dedicated to astrophysical questions ranging from the study of our sun to the development of the cosmos. Research focuses on cosmic magnetic fields and extragalactic astrophysics as well as the development of research technologies in the fields of spectroscopy, robotic telescopes and e-science. The AIP carries out its research mission within the framework of numerous national, European and international collaborations. The institute is the successor to the Berlin Observatory, founded in 1700, and the Astrophysical Observatory Potsdam, founded in 1874, which was the first institute in the world to dedicate itself explicitly to astrophysics. The AIP has been a member of the Leibniz Association since 1992. Around 200 employees work at our location in the middle of a beautiful park landscape in Potsdam, not far from Berlin.

We invite all eligible candidates to apply for a

## Postdoctoral position in Cosmology

### Overview

Funding for this position is provided by the Deutsche Forschungs Gemeinschaft (DFG) project “Using Artificial Intelligence to uncover the initial conditions of the Local Universe”. The project aims at reconstructing and simulating the local universe through the use of Machine Learning techniques. The position is embedded in the Cosmography and large-scale structure research group, headed by Dr Noam Libeskind.

### Qualifications and position

Candidates with experience in computational methods, Machine Learning algorithms and an interest in the local universe are encouraged to apply. Previous experience in running or analyzing N-body or hydrodynamical cosmological simulations is a plus. Applicants need to have a PhD in astrophysics, physics, or a closely related field by the beginning of the appointment. Additional funds are available for computational equipment and travel. The position is anticipated to start in Fall of 2026, but is subject to individual arrangements.

### Conditions

Salary and benefits are attractive and fixed by the German academic standard TV-L level E13. Pay grade is further determined by professional experience and expertise. We also provide social benefits for the public service (TV-L) incl. company pension VBL with pension for reduced earning capacity and surviving dependents as well as a subsidy for public transportation (“job ticket”). The appointment is for 2+1 years.



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## Application

To apply, please register at the AIP recruitment portal

<https://jobs1.aip.de/rec100>

and follow the instructions to upload the following documents, all in PDF: your curriculum vitae, a list of publications, a research statement, including past work and future plans (max. 3 pages) and the names of three individuals willing to provide reference letters upon request. You may also upload a cover letter if you wish, but this is not required

Applications received before 23 February 2025 will receive full consideration. For questions on the offered position please contact Dr Noam I Libeskind at [bewerbung-2025-14@aip.de](mailto:bewerbung-2025-14@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. The AIP values and promotes a respectful and tolerant working atmosphere. It has therefore adopted a Code of Conduct. 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.

