

Two post-doctoral positions in pipeline development for the ESO Extremely Large Telescope instruments METIS and MICADO.

The University of Innsbruck is the largest and most important research and education facility in Western Austria, located in the heart of the Alps. The Galactic Astrophysics group of Prof. Norbert Przybilla at the Institute for Astro- and Particle Physics invites applications for two post-doctoral positions to support development of data-reduction software packages for spectroscopic modes of the ESO ELT instruments MICADO and METIS.

Your tasks:

- independent project work for ESO ELT instrumentation projects
- participation in organizational and administrative tasks

Your profile:

- completed doctoral studies in astronomy or physics with a focus on astronomy/astrophysics
- experience in the research field of astronomy/astrophysics, preferably in observation-oriented astronomy and development of astronomical data reduction software
- experience in data acquisition, data reduction in the optical through mid-infrared wavelength range and data analysis of astronomical instruments
- experience in use of state-of-the-art astronomical software packages
- knowledge of ESO software standards for data reduction pipelines
- ability to work in a team with project groups at international level
- problem-solving skills

The appointment is for two years with the possibility of extension beyond that period contingent upon performance and availability of funding.

Compensation and Benefits:

The University of Innsbruck pursues a non-discriminatory employment policy and values equal opportunities, as well as diversity. Individuals from underrepresented groups are particularly encouraged to apply.

The minimum gross salary (stipulated by collective agreement for the universities of Austria) for this position is susceptible to increase depending on inflation and amounts to ? 4.933 per month (as of 2025), 14 salaries/year.

It also includes health and pension insurance (following the collective bargaining agreement of the university) and 5 weeks of holidays.

The University of Innsbruck voluntarily also offers several additional benefits like a grant for the local public transport, flexible working hours, a family-friendly working environment, and attractive training and development opportunities, see

<https://www.uibk.ac.at/de/karriere/zusatzleistungen/>

for more details.

Application Details / Instructions:

The application has to be submitted via the web portal of the University of Innsbruck, with the application deadline on April 3rd, 2025.

Required documents: cover letter including names and contact information for two references, who may be contacted for letters of recommendation, CV with publication list, a statement that describes all relevant experiences related to observations and development of data reduction software (maximum 2 pages).

Interested applicants should apply for both positions.

Job Portal:

<https://lfuonline.uibk.ac.at/public/karriereportal.home?lang=en>

Direct link to online Applications:

https://lfuonline.uibk.ac.at/public/karriereportal.details?asg_id=14890

https://lfuonline.uibk.ac.at/public/karriereportal.details?asg_id=14891

Reference Code: MIP-14890, MIP-14891

Application Deadline: 2025 Apr 03

Contact:

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