

The University of Vienna (15 faculties, 4 centres, about 174 fields of study, approx. 9.500 members of staff, more than 94.000 students) seeks to fill the position as soon as possible of a

University Assistant (post doc) at the Department of Astrophysics

Reference number: 8421

The research group "Astronomical Instrumentation" at the Department of Astrophysics at the University of Vienna is looking for motivated scientists to work in the area of software development for astronomical data analysis and simulation of observational data in the context of the ESO ELT instrumentation projects at the Department. Three positions need to be filled.

- Duration of employment: 3 years
- Extent of Employment: 40 hours/week
- Job grading in accordance with collective bargaining agreement: §48 VwGr. B1 lit. b (postdoc) with relevant work experience determining the assignment to a particular salary grade.
- Closing date of application: March ~~13~~³¹, 2018

Job Description:

- Active contribution to instrumentation projects of the Department of Astrophysics, in particular the ESO ELT instrumentation projects. The expected involvement includes especially the design and development of software modules for the data reduction pipeline for photometric and spectroscopic infrared data and the development of software tools for the simulation of astronomical observations.
- Independent teaching of courses as defined by the collective agreement
- Supervision of students

Profile:

- Doctoral degree / PhD degree in astronomy/astrophysics or physics with focus in astronomy/astrophysics with experience in the areas of astronomy/astrophysics, with preference in observational oriented astronomy and development of astronomical data reduction software.
- Excellent command of written and spoken English

Experience in the areas:

- data acquisition, data reduction and data analysis of astronomical instruments
- simulation of observational data
- use of state-of-the-art astronomical software packages
- ESO standards of software development and data reduction pipelines

Application documents

- Letter of motivation
- Academic curriculum vitae (including a list of publications, a list of courses and a list of talks given)

- Description of research interests and research agenda
- Contact details of people who could provide a letter of reference

Applications including a letter of motivation (German or English) should be submitted via the Job Center to the University of Vienna (<http://jobcenter.univie.ac.at>) no later than ³¹~~13~~.03.2018, mentioning reference number 8421.

For further information please contact

- Zeilinger, Werner +43-1-4277-51865,
- Ziegler, Bodo +43-1-4277-53825.

The University pursues a non-discriminatory employment policy and values equal opportunities, as well as diversity (<http://diversity.univie.ac.at/>). The University lays special emphasis on increasing the number of women in senior and in academic positions. Given equal qualifications, preference will be given to female applicants.

Human Resources and Gender Equality of the University of Vienna

Reference number: 8421

E-Mail: jobcenter@univie.ac.at