



## Postdoctoral position at the University of Vienna

The University of Vienna is a cosmopolitan hub for more than 10,000 employees, of whom around 7,500 work in research and teaching. They want to do research and teach at a place that suits their ideas and work together towards answering the big questions of the future. You also appreciate the exchange between disciplines, cultures and generations? We are looking for a postdoctoral scientific project staff member.

**Where:** University of Vienna, Faculty of Chemistry

**Starting:** Autumn 2023

**Duration:** 2 years

**Job ID:** 1030

Among the many reasons to research and teach at the University of Vienna there is one in particular, which has convinced around 7,500 academic staff members so far. They see themselves as personalities who need space for continuous striving for top international research and scientific excellence. At the same time they enjoy support and liberties that are not a given at other institutions. Does that sound like something for you? Welcome to our team!

### Job description

- Integrate a state-of-the-art hybrid pixel detector (JUNGFRAU) in a modern electron microscope in collaboration with the detector experts at Paul Scherrer Institut (CH).
- Optimise data collection process by linking the JUNGFRAU detector with the control system of the TEM JEOL JEM2100Plus
- Optimise data processing parameters
- Collect diffraction data of benchmark systems as well as novel compounds for structure determination.
- Present your result in scientific papers and on conferences.

### Your profile

- Completed doctoral/PhD studies in natural, engineering, or computer science (or in any of multiple related subjects)
- Strong background in crystallography, preferably of organic or metal-organic compounds.



- You love tinkering and solving puzzles
- Research competence and initiative proven through international publications in peer- relevant media
- Ideally, you have experience with computing and programming (python, c++, scripting)
- You like to work in an interdisciplinary and international project.
- You can communicate clearly in English and translate problems between different scientific domains
- Team player and high social/communicative skills

## How to apply

The official job description will be available as Job ID 1030 at <https://jobs.univie.ac.at/> end of August / early September 2023. Please apply online before end of September 2023.

- With your scientific curriculum vitæ
- With your list of publications
- With your summary of research interests (max. 1 p.)
- Certificate of your Doctoral Degree

## Contact person

For further details, please contact

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