

Project Assistant (all genders) - Postdoc

on Human-centered design of climate neutral buildings

40 hours/week

At the **Institute of Architectural Science**, in the **Research Unit of Building Physics and Building Ecology**, we are offering a Postdoc project assistant position (Postdoc 40h/week) with a projected start date of January 2024 or later.

We are looking for a motivated and experienced candidate to strengthen our scientific team for the [SWEET SWICE](#) (Sustainable Wellbeing for the individual and the Collectivity in the Energy Transition) project. The goal is to develop strategies and methods to make buildings climate neutral while balancing personal well-being. A particular focus lies on the modelling of buildings, its materials, occupant behavior and the energy systems with the goal to identify suitable climate-neutral transformation measures for buildings. The candidate will work in close collaboration with an interdisciplinary research team and industrial partners to translate his/her research ideas into practice.

Your tasks:

- Research work within the fields of climate neutral buildings, building energy systems and wellbeing
- Coordination with project members and participation in meetings and events
- Support of PhD students,
- Publish in scientific journals, and participate in national and international conferences.

Your profile:

- PhD in Energy, Mechanical, Environmental, Civil engineering or Architecture (or related field).
- You should have a profound knowledge in building and urban energy simulations and optimization techniques.
- Programming skills in Python are desirable.
- Experience with geographical information systems (GIS) and on clustering approaches is an additional plus.
- Experience in scientific working and knowledge of scientific principles.
- Willingness to expand your knowledge in the domain of your research.
- Team player, problem solving skills, and creative thinking.
- Organizational and analytical skills as well as a structured way of working
- Excellent spoken and written communication skills in English. Knowledge of German is a plus.

We offer:

- A wide variety and exciting range of tasks in a collegial team
- Flexible working hours
- Central location of workplace with very good accessibility (U1/U4 Karlsplatz)
- A creative environment in one of the most liveable cities in the world
- A set of attractive social benefits (see Fringe-Benefit catalogue of TU Vienna)

TU Wien is committed to increasing the proportion of women in particular in leadership positions. Female applicants are explicitly encouraged to apply. Preference will be given to women when equally qualified, unless reasons specific to a male applicant tilt the balance in his favour.

People with special needs are equally encouraged to apply. In case of any questions, please contact the confidant for disabled persons at the university, Mr. Gerhard Neustätter.

Entry level salary is determined by the pay grade B1 of the Austrian collective agreement for university staff. This is a minimum of currently EUR 4,351.90/month gross, 14 times/year for 40 hours/week. Relevant working experiences may increase the monthly income.

We look forward to receiving your application by January 15th, 2024.

If you want to apply, please send the following documents to the email:

E259-03.applications@tuwien.ac.at:

- **Statement of purpose** that describes your research experience and your motivation for applying for this position. It should be 1-2 pages maximum.
- **CV**
- **University transcripts and diplomas** of all degree programs you have attended (in English if the original language is not German or English)
- **Contact information of 2 referees**