

## Stellenausschreibung – Job posting

An der Fakultät für Informatik der Technischen Universität Wien gelangt nachstehende Stelle zur Besetzung:

Die TU Wien strebt eine Erhöhung des Frauenanteils insbesondere in Leitungsfunktionen an und fordert daher qualifizierte Frauen ausdrücklich zur Bewerbung auf. Bei gleicher Qualifikation werden Frauen vorrangig aufgenommen, sofern nicht in der Person eines gleich qualifizierten Mitbewerbers liegende Gründe überwiegen. Wir sind bemüht, Menschen mit Behinderung mit entsprechender Qualifikation einzustellen und fordern daher ausdrücklich zur Bewerbung auf. Bei Rückfragen wenden Sie sich bitte an die Behindertenvertrauensperson der TU Wien, Herrn Gerhard Neustätter.

At the **Institute of Logic and Computation**, in the upcoming **Research Unit of Privacy Enhancing Technologies** at **TU Wien** is offering a position as university assistant post-doc (all genders) limited to expected 6 years for 40 hours/week. Expected start: April 2025. Research will address the development of privacy-enhancing technologies, including but not limited to the design of cryptographic algorithms and protocols, distributed protocols, cryptocurrencies, and information-theoretic approaches such as differential privacy.

Topics of interest include (but are not limited to):

- Privacy preserving cryptocurrencies
- Efficient proof systems such as (non-interactive) zero-knowledge, SNARKs, etc.
- Cryptographic protocols
- Functional encryption
- Fully homomorphic encryption
- Information-theoretic approaches such as differential privacy

### Tasks:

- Deep interest in scientific problems and the motivation for independent and goal-oriented research
- Independent teaching or participation in teaching and supervision of students
- Participation in organizational and administrative tasks of the research division and the faculty

### Your profile:

- Completion of an excellent doctorate in Computer Science or a closely related field
- Strong background in cryptography, privacy-preserving mechanisms, or data security
- In-depth knowledge and experience in at least one subject area: secure computation, differential privacy, anonymous communication systems, privacy-preserving machine learning, cryptocurrencies, cryptographic protocols, identity management, homomorphic encryption, or zero-knowledge proofs
- An outstanding publication record in top security, privacy, and applied cryptography conferences and journals, such as e.g., ACM CCS, Crypto, Eurocrypt, Usenix Security, NDSS, IEEE S&P, PETS
- Experience in teaching and supervising students, with enthusiasm for advancing knowledge in the field of privacy-enhancing technologies
- Excellent organizational and analytical skills, combined with a structured and detail-oriented approach to work
- Team player with strong problem-solving abilities, creative thinking, and a passion for tackling real-world privacy challenges



**We offer:**

- A wide variety and exciting range of tasks in a collegial team
- Flexibility in the organization of 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
- German courses, if needed
- A highly competitive salary and a range of attractive social benefits (see [Fringe-Benefit Catalogue of TU Wien](#))
- Excellent research environment in an internationally visible team
- A wide range of internal and external training opportunities, various career options

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 4,932.90/month gross, 14 times/year for 40 hours/week. Relevant working experiences may increase the monthly income.

**We look forward to receiving your application until March 27, 2025 on our job platform: <https://jobs.tuwien.ac.at/Job/247325>**