

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 Information Systems Engineering**, in the **Research Unit of Software Engineering of the Faculty of Informatics** TU Wien is offering a position as Senior Scientist (all genders) for the specialist field of “Software and Systems Engineering” for 32 hours/week. Expected start: January 2026

Software-intensive systems are key in the modern world. It is, therefore, critical that we investigate principles and techniques that facilitate the design, development, analysis, effectiveness, automation, maintenance, and understandability of such systems. Today, software is part of any relevant system, and thus, the interplay of software engineering and systems engineering becomes a must. Software and Systems Engineering covers the whole life cycle of software-intensive systems.

Tasks:

The faculty seeks to hire a candidate with a strong research and teaching record in constructive aspects of Software and Systems Engineering. Desired areas of research and expertise may include but are not limited to:

- Reuse and variability modeling for configurable and adaptable software systems, enabling systematic reuse across domains and lifecycle phases
- Software and system product line engineering focusing on integration, evolution, and governance of product line ecosystems across organizational and technological boundaries
- Multi-domain modeling and systems integration, supporting the engineering of complex systems across software and other domains, e.g., Cyber-Physical (Production) Systems, addressing challenges of scalability, interoperability, and evolution
- Empirical and data-driven software engineering, leveraging industrial data and model repositories, for evidence-based improvement of engineering processes
- Software testing, analysis, and evolution, emphasizing automation, variability-aware techniques, and empirical validation
- Secure, reliable, and responsible software engineering, ensuring compliance with technical and ethical requirements in multi-domain and software-intensive systems
- Software engineering for emerging systems engineering paradigms

Besides research, the duties of a Senior Scientist at TU Wien include undergraduate and graduate teaching (in German and English) as well as faculty service tasks.

Your profile:

- Completed doctoral or PhD studies in Computer Science or related areas
- High scientific reputation, proven by publications in international scientific journals, and scientific conferences
- Relevant joint research experience with national and international partners as well as the ability to form networks, proven, e.g., through cooperation with other universities and research institutions
- Pedagogic and didactic suitability for academic teaching in German and English
- Experience in the supervision of scientific work of students, such as bachelor, diploma and master theses
- Social and gender competence
- Team competences



We offer:

- A diverse and exciting range of responsibilities in a collegial team
- Flexibility in working time arrangements
- A range of attractive social benefits (see [Benefits](#))
- Extensive internal and external training opportunities, various career options
- Central location with excellent accessibility (U1/U2/U4 Karlsplatz)

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 3,946.30/month gross, 14 times/year for 32 hours/week. Relevant working experiences may increase the monthly income.

We look forward to receiving your application until December 4, 2025 on our job platform: <https://jobs.tuwien.ac.at/Job/260389>