

Professor

Ecole/Institution/Société:

The University of Vienna, Austria / Vienna

Discipline:

Computational Engineering

Type d'emploi::

Full-time

Date de publication:

2025-02-23

Personne à contacter:

If you wish to apply for this position, please specify that you saw it on AKATECH.tech

Tenure-Track Professor in the Field of Responsible Computing

Faculty of Computer Science

Working hours: 40 | Collective bargaining agreement: §48 VwGr. A2

Limited until: permanent

Reference no.: 3707

The position

Responsible computing involves the ethical, safe, and conscientious use of computer systems, algorithms, data, and data-driven models. We are looking for applicants with a strong background in Computer Science and an excellent research record in responsible computing, as documented by publications in relevant top venues (such as ACM CHI, ACM FAccT, ACM AIES, NeurIPS, ICML, AAAI, the International Journal of Human-Computer Studies or the ACM Journal on Responsible Computing) and by successful acquisition of research grants. We strive to strengthen interdisciplinarity, [e.g.](#), at the intersection of computer science and the social sciences, the humanities, or philosophy, and are therefore particularly interested in candidates with demonstrated interest and experience in inter/transdisciplinary research in responsible computing. Relevant research focus areas include, but are not limited to: ethical, affective, environmental or societal aspects of information technology and of the digital transformation, human-centered computing, technology for the public good, critical data studies; interpretability, explainability, and transparency of AI/ML; trustworthy algorithmic decision systems.

The University of Vienna and its Faculty of Computer Science offer a vibrant and prolific research environment for the advertised tenure-track professorship. The field of responsible computing studies and actively shapes the growing impact of computing technologies on society, with a

particular emphasis on ethical implications. Consequently, responsible computing is highly interdisciplinary. While its foundation lies in computer science, it also engages with other disciplines, such as the social sciences, philosophy, or psychology, fostering a comprehensive understanding of our digital future.

The Faculty of Computer Science at the University of Vienna plays a crucial role in shaping this future. The tenure-track position in responsible computing will strengthen our research focus area “Human Centered Computing”, reinforce the faculty’s efforts in managing the digital transformation of our society and establish additional connections between existing research areas, such as human-computer interaction, artificial intelligence and machine learning, data science, algorithms, and visualization and the core aspects of responsible computing. It will further strengthen the faculty’s ability to engage with other faculties (including, but not limited to the social and the life sciences) in managing the digital transformation.

The appointed assistant professor has ample opportunity to leverage synergies with other researchers in the Faculty of Computer Science. Across faculties, renowned researchers in the social sciences, philosophy of technology, and psychology can offer unique collaboration and research opportunities. Last but not least, Vienna as an internationally recognized center for human-centered digital technology development is the ideal place for conducting world-class research in responsible computing.

<https://informatik.univie.ac.at/en/>

Your academic profile:

Doctoral degree/PhD

Two years of international research experience during or after doctoral studies

Outstanding research achievements, excellent publication and funding record, international reputation

Gender and diversity competence

Experience in designing of and participating in research projects, ability to lead research groups and acquire third-party funding

Enthusiasm for excellent teaching and supervision at the bachelor's, master's, and doctoral level

We expect the successful candidate to acquire, within three years, proficiency in German sufficient for teaching in bachelor's programmes and for participation in university committees.

We offer:

the opportunity to obtain a permanent position and eventual promotion to full professor; the initial contract as Assistant Professor is limited to six years, after positive evaluation of a qualification agreement the contract becomes permanent as Associate Professor; Associate Professors can be promoted to Full Professor through an internal competitive procedure.

a dynamic research environment

a wide range of research and teaching support services

attractive working conditions in a city with a high quality of life

an attractive salary according to the Collective Bargaining Agreement for University Staff (level A2) and an organisational retirement plan

Application documents (in English):

Letter of motivation

Academic curriculum vitae

education and training (PhD Certificate, PDF)

positions held to date

career breaks ([e.g.](#) relevant parental, family or other care periods)

awards and honors

commissions of trust

previous and current cooperation partners

complete list of acquired third-party funding and, if applicable, of inventions/patents

list of most important scientific talks (max. 10)

teaching and mentoring

supervision experience (Master and PhD), if applicable

List of publications

link to your own publicly accessible ORCID record, with a complete and current publication list

three key publications as electronic full text version (PDF, max 30 MB)

Research statement

most important research achievements (max. 2 pages) and planned future research activities (max. 4 pages)

synopsis of three key publications with relevance to the position advertised

publication strategy

Teaching and supervision statement

teaching and supervision concept, including a description of the previous and planned priorities in academic teaching and supervision (max. 2 pages)

teaching evaluations (if available, PDF)

If you have any questions, please contact:

tenuretrack.personal@univie.ac.at

Only applications submitted through the link "Apply now" below will be considered.

We look forward to new personalities in our team!

The University of Vienna has an anti-discriminatory employment policy and attaches great importance to equal opportunities, the advancement of women and diversity. We lay special emphasis on increasing the number of women in senior and in academic positions among the academic and general university staff and therefore expressly encourage qualified women to apply. Given equal qualifications, preference will be given to female candidates.

University of Vienna. Space for personalities. Since 1365.

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