

SPACE FOR PERSONALITIES.

Since 1365.



The University of Vienna is internationally renowned for its excellence in teaching and research, and counts more than 7,500 academics from all disciplines. This breadth of expertise offers unique opportunities to address the complex challenges of modern society, to develop comprehensive new approaches, and educate the problem-solvers of tomorrow from a multidisciplinary perspective.

At the Faculty of Business, Economics and Statistics, the University of Vienna seeks to appoint a

Tenure-Track Professor in the field of Foundations of Machine Learning in Finance

The position:

We are looking for scientists with demonstrated excellence in machine learning approaches to financial problems combined with their mathematical, probabilistic and statistical foundations. This includes (but is not limited to) the analysis of deep (reinforcement) learning algorithms, signature methods, optimal control and game theory as well as their applications to various problems in banking, finance and economics, such as risk management and hedging, financial time-series prediction and market generation, model calibration or market making. The position will contribute on one hand to the mathematical foundations of data science and on the other hand will focus on financial and economic applications that can be solved by novel machine learning algorithms. In this respect, the Vienna scientific landscape offers many cooperation opportunities, in particular within the Research Network "Data Science @ Uni Vienna", a platform for fundamental research in data science and practical applications based on data science techniques.

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
- 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:

1. **Letter of motivation**
2. **Academic curriculum vitae**
 - education and training (PhD Certificate, PDF)
 - positions held to date
 - parental, family or other care leaves as applicable
 - 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
3. **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)
4. **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
5. **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

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.

Space for personalities. Since 1365.

[Privacy Policy](#)

Reference no.: TT0623Wiwi01

Application deadline: 22 September 2023

[APPLY NOW >>](#)