



Open Position

# Assistant Professor of Learning Technologies and eDidactics (Tenure Track)

January 13, 2021



Informatics



# Call for Applications

We invite applications for the position of an Assistant Professor at the Faculty of Informatics. The position is affiliated to the Institute of Information Systems Engineering.

Deadline	<b>January 13, 2021</b>
Est. Start	<b>July 1, 2021</b>
Salary	<b>€64,394.40 p.a. (until tenure evaluation)</b> <b>€69,820.80 p.a. (upon positive tenure evaluation)</b>
Conditions	<b>full-time, preliminarily limited to six years, upon positive tenure evaluation permanent</b>



Errors and omissions expected in this brochure. The legally binding announcement for this position is published in TU Wien's Gazette at [https://tiss.tuwien.ac.at/mbl/blatt\\_struktur/anzeigen/10436#p487.4](https://tiss.tuwien.ac.at/mbl/blatt_struktur/anzeigen/10436#p487.4).



# Research Area

**The research areas of the candidate should cover some of the following topics:**

- digital education and learning
- technology-supported research-based teaching and learning
- innovative digitalization of education (distance education and assessment, development and integration of MOOCs, e-learning platforms, inclusive and adaptive technologies)
- future technologies for education (mixed reality, AI)
- hybrid/blended learning
- innovative practices with learning and supporting technologies
- e-learning didactics, learner centred didactics, personalization
- empirical education research
- sustainable education
- gender, diversity and ethical issues
- learning analytics

# Requirements

The successful candidate will have an outstanding research and teaching record in the field of Learning Technologies and eDidactics, which deals with digital education and learning. This includes novel ways of designing, developing, applying and evaluating digital teaching and learning systems and approaches for all educational levels (from pre-school to university level).

## Essential

- PhD or doctoral degree in Computer Science or Business Informatics
- Post-doctoral experience at a university or other research institution
- Outstanding research and publication record
- Pedagogic and didactic skills
- Gender sensitivity and social skills
- Excellent reputation as an active member of the international scientific community
- Experience in raising research funds and managing scientific research projects
- Experience in university teaching
- Administrative and organizational skills

## Desirable

- Proficiency in German, or willingness to learn
- Leadership skills
- Experience in interdisciplinary research



# Other Responsibilities

## **Teaching**

Besides research, the duties of an Assistant Professor at TU Wien include graduate and undergraduate teaching (in English or German).

## **Faculty Management**

We expect the successful candidate to actively contribute to usual management and faculty service tasks.

## **Collaborating**

We are particularly interested in candidates working in areas that will complement our existing expertise and lead to collaborations with other faculty members and TU Wien in general. The candidate will also be expected to play an important role in the faculty's outreach program to schools focusing on informatics education and computational thinking.





## Our Offer

### We offer

- Excellent working conditions in an attractive research environment
- Attractive salary and additional contributions to a pension fund
- Relocation assistance
- Career in a city with an exceptional quality of life
- Dual career service
- TU Kindergarten, TU summer camps, and childcare during holidays

The work contract is initially limited to six years. The successful applicant and TU Wien can agree upon a tenure evaluation, which, when positive, opens the possibility to change the position to Associate Professor with an unlimited contract.



# Application

## Required Documents

- Research statement: a brief summary of past research activities, a convincing outline of planned research activities, and an explanation of their contribution to the scientific profile of the Faculty of Informatics; 4-6 pages, incl. abstract
- Teaching statement (max. 2 pages)
- Detailed curriculum vitæ
- List of publications
- Letter of motivation
- Copies of the candidate's three most important publications related to the position, incl. an explanation of their relevance
- Certificates of doctoral and diploma degrees

## Application Deadline

January 13, 2021 – Applications (in English), addressed to the faculty's Dean, to be sent as a single PDF to [dekanat@informatik.tuwien.ac.at](mailto:dekanat@informatik.tuwien.ac.at).

## TU Wien's Commitment

Female applicants are explicitly encouraged to apply. Preference will be given to female applicants when equally qualified. People with special needs are encouraged to apply (contact person Gerhard Neustätter, [gerhard.neustaetter@tuwien.ac.at](mailto:gerhard.neustaetter@tuwien.ac.at)). Parental leave conditions follow the ERC Regulations for Principal Investigators (Starting Grant).



# Faculty of Informatics

**We are in the Global Top 15% in Computer Science and comprise 4 Research Foci and 22 Research Units.**

Since our foundations were laid in 1970, we have become Austria's largest faculty of Informatics and one of Europe's leading research and innovation institutions—with over 360 scientific employees, 5.800+ enrolled students, and over 80 administrative staff members.

Our faculty's excellent research, teaching and innovation output is highly competitive even on a world-wide level: The most important and influential Higher Education Rankings regularly rank us among the Global Top 15% of computer science institutions.

## **Research Foci**

Our research foci are Computer Engineering, Logic and Computation, Visual Computing and Human-Centered Technology and Information Systems Engineering. Our 22 research units follow an inter- and multidisciplinary, comprehensive approach.

## **Teaching**

We offer 5 Bachelor's programs and the excellence program Bachelor with Honors for outstanding undergraduates. Most

of our 8 Master's programs are given in English. Students of our PhD program and the 7 doctoral colleges are members of the Vienna PhD School of Informatics.

## **Social Responsibility**

We recognize our responsibility in the shaping of desirable futures for our society. We strive to comment on the impact of information technologies on society, and actively further the knowledge and innovation transfer to companies and the public.





**TU Wien**

**Founded in 1815, TU Wien has become Austria's largest scientific and technical research and education institution.**

"Technology for people"—that is TU Wien's mission statement. It stands for academic excellence through research and wide-ranging competence through teaching.

A motivating working environment in which people can develop and realise ambitious goals is crucial to the success of our university. TU Wien offers an exciting and varied working environment for employees from diverse backgrounds and with varying levels of experience. Skilled and motivated employees form the best foundation for and are directly linked to our success.

At TU Wien, we are committed to fulfilling our social responsibility and our role as a responsible employer. This includes free day nursery, and full health and social insurance.



# Living in Vienna

## A Modern City in the Heart of Europe

The combination of high political and social stability, affordable cost of living, excellent infrastructure, and an outstanding cultural offering speaks for the city. Mountain spring water straight from the tap, high-quality public services, expansive green areas— all this and more lets you feel at home right away.

With a metro population of 2.6 million and a GDP of €90+ billion, Vienna is Austria's cultural, economic, and political center. The bustling city is rich in history and culture and known for its high quality of living and unique heritage in music and the arts. Vienna is innovative, young and forward-thinking, and leads the 2019 Smart City Strategy Index.



## Vienna is ...

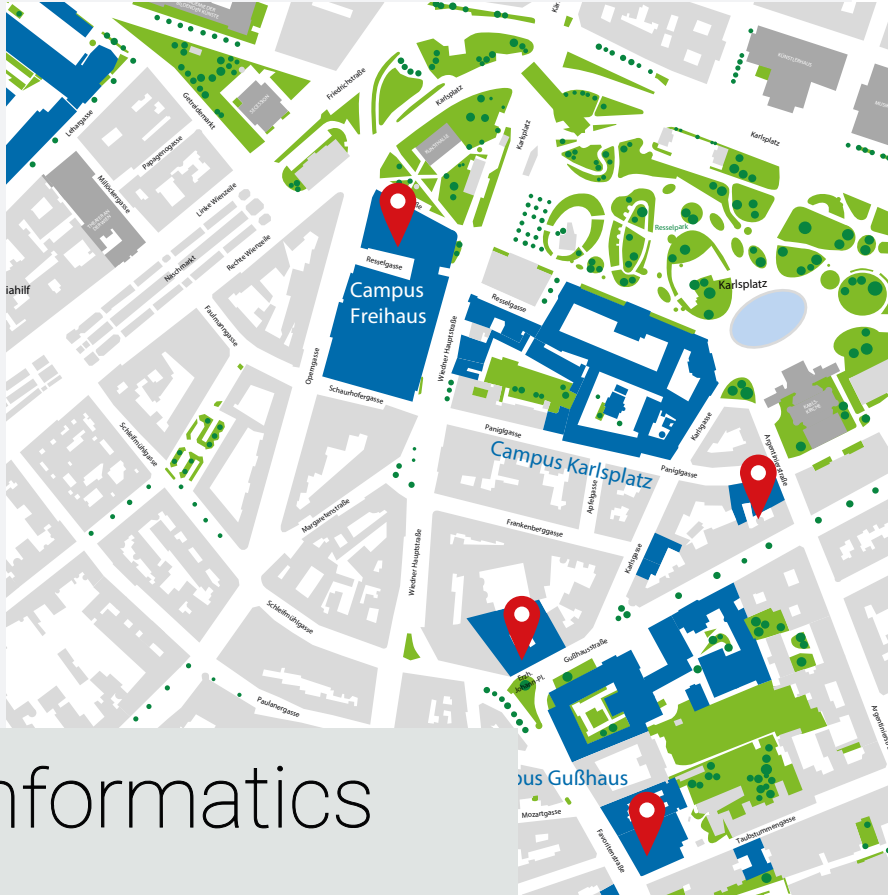
... **the sixth-largest city in the EU** and the second-largest in the German-speaking world. Vienna is known for its economic wealth (fifth wealthiest city in the EU) and significant industry sector—especially in R & D and information technologies.

... **young, innovative, and successful.** There are more than 200.000 university students studying at 15 universities, making it the number 1 university city in the German-speaking world. Vienna is a European hotspot for start-ups and an ideal breeding-place for innovation.

... **internationally recognized for its unmatched quality of living.** Again and again, several international organisations named Vienna the „most liveable city in the world“. In 2019, Mercer named Vienna the city with the world's highest quality of living for the tenth consecutive year.

... **a European research epicenter.** In 2020, there were 1.560 research organisations (848 companies), representing 31% of all such institutions in Austria, which employed 46.000 people. 30%, or €3.3 billion, of Austrian R & D funding was invested in Vienna.

... **a global capital of the Arts.** There are over 120 theaters. Vienna is famed for its rich tradition in classical music. There are over 160 museums, amongst them the Kunsthistorisches Museum, one of the world's largest and most important museums, the Albertina and the Museum of Modern Art.



# Informatics

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