



Open Position

# Assistant Professor of Visual Computing (Tenure Track)

November 17, 2019



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 Visual Computing and Human-Centered Technology.

Deadline **November 17, 2019**

Est. Start Date **May 2020**

Salary **€53.254,60 p.a. (until tenure evaluation)**  
**€62.977,60 p.a. (upon positive tenure evaluation)**

Conditions **full-time, preliminarily limited to six years, upon positive tenure evaluation permanent**

Errors and omissions expected in this brochure. The legally binding announcement for this position is published in TU Wien's Gazette at [tiss.tuwien.ac.at/mbl/main](http://tiss.tuwien.ac.at/mbl/main).





# Research Area

## Focus

The focus of this position lies on Mobile Vision. It combines methods of deep and machine learning, machine vision, and mobile robotics in order to equip mobile units with the ability to see and to perceive, to make decisions, and to perform reactive planning.

## Research Areas

Within this realm, all areas of mobile vision will be considered, such as, for example, multimodal sensor interfaces and data fusion methods, context-awareness, mobile 3D vision and scene analysis, visual surveying and autonomous vehicle-vision sensor systems.



# Requirements

## Essential

- PhD or doctoral degree in Computer Science or Business Informatics
- Postdoctoral experience at a university or other research institution
- Outstanding research and publication record
- Pedagogic and didactic 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

- Leadership skills
- Proficiency in German, or willingness to learn
- Habilitation or equivalent qualification
- Experience in interdisciplinary research
- Willingness to promote young scientists
- Gender sensitivity



# Other Responsibilities

## Teaching

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

## Faculty Management

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

## Collaborating

The candidate should have experience in working with industry, relevant postdoctoral experience, and a compelling research vision. We are particularly interested in candidates working in areas that will complement our existing expertise and lead to fruitful collaborations with other members of the Faculty of Informatics and TU Wien in general.



## Our Offer

### We offer

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

### Salary

The employment starts as University Assistant with an annual minimum salary of € 53,254.60 gross according to the collective contract for a postdoc. Signing the qualification agreement upgrades the position to Assistant Professor with an annual minimum salary of € 62,977.60.



# Application

## Required Documents

- Detailed curriculum vitae
- List of publications
- Letter of motivation
- Teaching statement (2 pages)
- Research statement: brief summary of past research activities, a convincing outline of planned research activities, and an explanation of your potential contribution to our scientific profile (in total max. 4-6 pages, incl. abstract).
- Copies of your three most important publications related to the position, incl. a demonstration of their relevance
- Certificates of doctoral and diploma degrees

## Application Deadline

November 17, 2019 – 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

TU Wien is committed to promote women in leading scientific positions, and encourages women to apply. Preference will be given to female applicants when equally qualified. People with special needs are encouraged to apply (contact: 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 21 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 540 scientific employees, 5.500+ enrolled students, and over 60 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 21 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 3 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 excellent cultural offering speaks for the city. Mountain spring water straight from the tap, high-quality infrastructure, 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 World Smart City Index.



## Vienna is ...

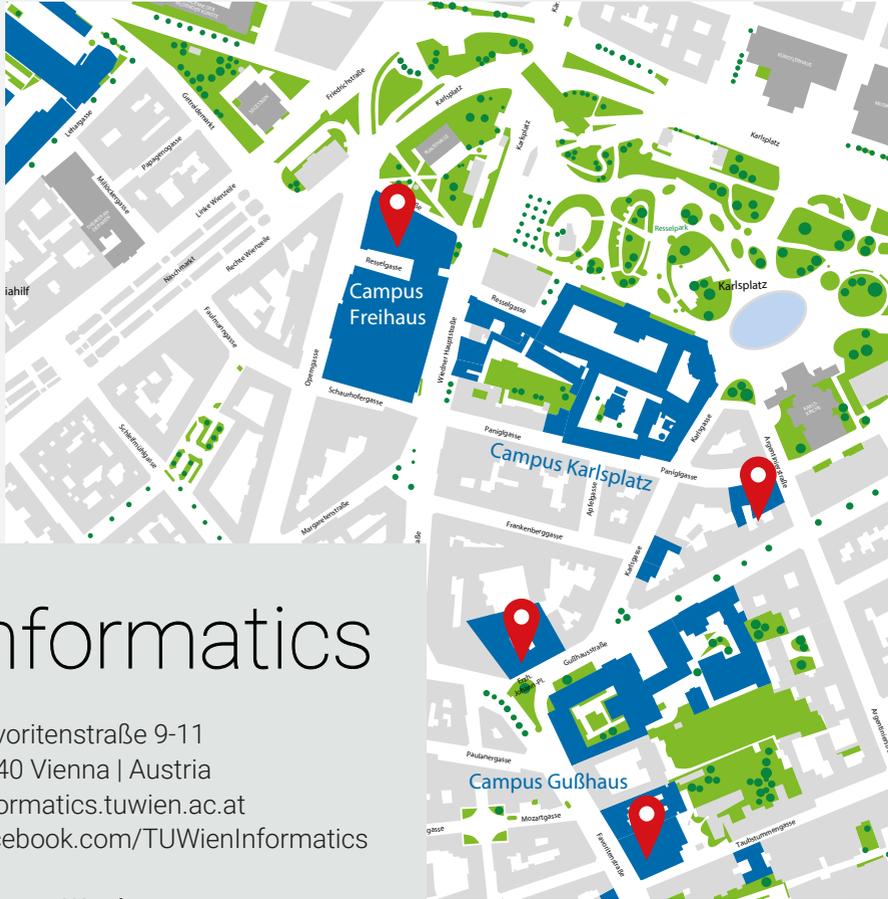
... **the sixth-largest city in the EU** and the second-largest in the German-speaking world. Vienna is known for its economic wealth (fifth-wealthiest city in the EU) and significant industry sector—especially in R & D and information technologies.

... **young, innovative, and successful.** There are more than 200.000 university students studying at 14 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 2018, there were 1.554 research organisations (861 companies), representing 30% of all such institutions in Austria, which employed 46.000 people. 30%, or €3.5 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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