

# Open PhD Positions in Computer Graphics, Geometry Processing and Visualization

The Institute for Computer Graphics and Knowledge Visualization at Graz University of Technology (TU Graz), Austria is seeking applications for a new PhD position, to work on novel applications in Visual Computing:

Currently, we offer a 4-year PhD Position at the Institute for Computer Graphics and Knowledge Visualization, with a focus on research in 3D computer graphics, geometry processing and visualization.

## Topic

The Topic can be defined in accordance with the applicant's skills and experience. Topics of interest are in the fields of 3D computer graphics, geometry processing and visualization, as well as their applications in a VR setting.

## Requirements

We are seeking an excellent and highly motivated PhD student interested in the fields of Computer Graphics, e.g., Geometry Processing, Computer Aided Design (CAD), Simulation and Analysis, Rendering, Visualization and/or Visual Analytics. A master degree in Computer Science or a closely related field is required. The applicant should have good programming skills, and ideally has previous experience and a good understanding of the fundamental concepts of computer graphics and geometry processing.

## What we offer

You will research and teach at Graz University of Technology, one of the [top ranked university](#) worldwide. The Faculty of Information Technology and Biomedical Engineering is a young and vibrant faculty, it was founded in 2004. The Institute of Computer Graphics and Knowledge Visualization is also a young institute, founded in 2005. Our institute is part of the Visual Computing research cluster in Graz, presenting an excellent scientific environment at large.

- A work environment that is equipped with the newest hardware and software technology.
- A young and international team of researchers with an excellent working atmosphere.
- Freedom to explore your scientific interests in the course of your work (within the scope of the abovementioned research fields).
- The possibility to present your research results at international top conferences.
- Entry level salary as a PhD researcher is currently 2.929,- Euro gross, which is paid 14x per annum. As a PhD researcher at TU Graz you are also entitled to full social benefits.
- Continuing personal and professional education.
- The city of Graz offers exceptional quality of living.

- With around 300,000 inhabitants, Graz is the second largest city of Austria and the capital of the federal state Styria. It is located south of the alps and offers vast range of outdoor activities close to the city.
- The Old City of Graz is a stimulating, active, living space, buzzing with events, culture and people. It is also City of Human Rights and received the Europeprize. The old town and the castle of Eggenberg belong to the UNESCO World Heritage since 1999. In 2003, Graz was European Capital of Culture and since March 2011, it has been part of the UNESCO Creative Cities Network as a City of Design.

The Graz University of Technology strives to increase the proportion of women, especially in leading positions and in scientific staff, and therefore expressly invites qualified women to apply. Until a balanced numerical ratio is achieved, priority will be given to women in case of equal qualifications.

Graz University of Technology actively strives for diversity and equal opportunities. Candidates must not be discriminated against on grounds of their gender, ethnic origin, religion or world view, age or sexual orientation (anti-discrimination).

Individuals with disabilities who have relevant qualifications are expressly invited to apply.

## How to apply

To apply, please send your CV, academic credentials and a letter of motivation to by September 30, 2020 to the Dean of the Faculty of Computer Science and Biomedical Engineering, E-Mail: [applications.csbme@tugraz.at](mailto:applications.csbme@tugraz.at).

Position identification number: 7110/20/040