

We work for
tomorrow

UNIVERSITÄT GRAZ
UNIVERSITY OF GRAZ



Department of Mathematics and Scientific Computing

University Assistant with doctorate (m/f/d)

- Application deadline: 17.04.2024
- Salary Category: B1 mit Doktorat
- Salary per Year (Full Time): € 66,532.20
- Employment Start: As soon as possible
- Hours per week: 40 h/w
- Duration of Contract: Temporary employment
- Temporary Employment: 6 years

Your Responsibilities

- Research in the field of applied mathematics with emphasis on the analysis and the numerics of problems in mathematical imaging, inverse problems and data sciences
- Collaboration in interdisciplinary cooperation projects and third-party funded projects
- Independent teaching of courses in the field of applied mathematics, supervision of students and holding of examinations
- Participation in organizational and administrative matters

Your Profile

- Doctoral degree in a mathematical branch of study
- Solid knowledge of one of the following fields: mathematical methods, analysis and numerics in imaging, inverse problems or data sciences
- Ability for integration into the department's research profile and in particular into interdisciplinary cooperation projects
- Capacity for teamwork, organizational talent and ability to communicate
- Very good command of english
- Ability to teach in German (after a transition period of 2 years)

We offer an annual gross salary of € 66,532.20 for a fulltime position.

We Offer

- **Meaning:** We offer meaningful work for the world of tomorrow.
- **Collaboration:** With us, you'll find interdisciplinary, cross-professional opportunities to work together.
- **Diversity:** Besides our various scientific fields and their related issues, we offer a working environment in which diversity is lived.
- Our internal continuing **education program** is as colorful as the university itself.
- **Benefits:** Of course, there are all the usual benefits, from A "access to healthcare services" to Z "Zero emission goal".
- **Flexibility:** We demonstrate flexibility not only with the various working time models but also through the offers for the compatibility of family and career.

About us

At the University of Graz, 4700 employees work together on future questions and solutions for the world of tomorrow. Our students and researchers face the great challenges of society and carry the knowledge out. We work for tomorrow. Become part of it!

The Working Group "Mathematics of Data Science" of the Department of Mathematics and Scientific Computing at the University of Graz will carry out a research project on machine learning approaches for data-driven cardiopulmonary resuscitation. The project will be realized in close collaboration with the University Hospital Graz. Its goal is to develop mathematical models and machine learning strategies that allow for a better understanding of the physiological conditions of patients during cardiopulmonary resuscitation. This will be achieved using both, parameter identification techniques for differential-equation-based physiological models and machine learning approaches.

Contact

Univ.-Prof. Dipl.-Math. Dr. Kristian Bredies | kristian.bredies@uni-graz.at

[Institute Website](#)

The University of Graz strives to increase the proportion of women in particular in management and faculty positions and therefore encourages qualified women to apply. In the event of underrepresentation, women with equal qualifications are generally given priority for admission. Especially with regard to academic staff, we welcome applications from persons with disabilities who meet the requirements of the advertised position.

Please note that in order to comply with the applicable data protection regulations, we can only accept applications via our web-based applicant tool for this vacant position.

We work for tomorrow. Join us!