

*We work for*  
**tomorrow**

UNIVERSITY OF GRAZ

Department of Mathematics and  
Scientific Computing



Department of Mathematics and Scientific Computing

**(Senior) Scientist (m/f/d)**

<https://jobs.uni-graz.at/en/jobs/ceff4b0b-cf10-782e-def3-69b7c135bc46>

- Application deadline: 29.05.2026
- Salary Category: B1 with PhD
- Salary per Year (Full Time): € 70,200.20
- Employment Start: October 2026
- Hours per week: 40 h/w
- Duration of Contract: Temporary employment with option for permanent position
- Temporary Employment: 6 years with possible development agreement

### Your Responsibilities

- Completing the development agreement with objectives in research, teaching and administration
- Independent research and publication activities in the field of modeling and numerical methods in medical applications
- Coordination, proactive development and deepening of biomedical collaborations in Graz and internationally
- Supporting the working groups at the institute in projects in the field of PDE-based modeling and simulation in medical applications
- Independent teaching of courses as well as cooperation in teaching and examination tasks of the institute
- Cooperation in organizational and administrative tasks as well as in evaluation measures

### Your Profile

- Completed doctorate/PhD in the field of mathematics or a related field
- Excellent knowledge of written and spoken English
- German language skills, both spoken and written, or willingness to learn German within two years.
- Very strong expertise in modeling, model reduction and numerical methods for cardiovascular electrophysiological and mechanical applications using patient-specific data
- Very strong expertise in the theory and application of Physics Informed Neural Networks to inverse problems
- Expertise in sensitivity analysis and uncertainty quantification for digital twins
- Enjoyment of scientific work and working with students
- Independent and autonomous working style
- International mobility, high degree of personal responsibility and ability to cooperate with national and international working groups in biomedical applications.
- Engagement in initiatives to support women in science
- Significant contribution to the successful acquisition of third-party funding

## Application Documents

The following documents are required for an application:

- Letter of motivation and academic CV
- List of publications with indication of the 5 most important ones
- Specific letter of recommendation

## 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!

## Contact

For further information please contact  
Univ.-Prof. DI Dr. Gundolf Haase [gundolf.haase@uni-graz.at](mailto:gundolf.haase@uni-graz.at)

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:

<https://jobs.uni-graz.at/en/jobs/ceff4b0b-cf10-782e-def3-69b7c135bc46>