The Faculty for Computer Science and Biomedical Engineering at Graz University of Technology invites applications for the position of a

University Professor of Computational Medicine

under a full-time permanent contract (§98 UG) at a new founded institute within 1.10.2020.

The Faculty of Computer Science and Biomedical Engineering at Graz University of Technology is committed to excellence in research and teaching. The research at the Faculty covers a broad spectrum of topics that are reflected in our main research areas “Biomedical Engineering,” “Safety and Security,” “Intelligent Systems,” and “Visual Computing.” We are proud of our outstanding applied and basic research and encourage interdisciplinary projects. Moreover, our faculty fosters a close dialogue with industry and encourages and supports the creation of spin-off companies.

Biomedical engineering is an internationally visible research area with a long tradition at Graz University of Technology. It has established a complete bachelor's and master's curriculum as well as a doctoral school. For interdisciplinary research, the Faculty is also embedded in the inter-university cooperation “BioTechMed Graz” with the University of Graz and the Medical University of Graz. This interdisciplinary network opens up the field for many current research topics and enables access to the latest technologies, methods and data at the location beyond the TU's resources.

We are looking for a person with an excellent scientific track record to represent the field of Computational Medicine in research and in teaching and complements the existing research focus of the Faculty. The new professor should teach Computational Medicine in the bachelor's, Master's and PhD programs in Biomedical Engineering and Computer Science and should be an engaged mentor for our students. The applicant should have a research focus in theoretical and computer-based methods to identify, analyze, and compare the mechanisms, diagnoses, and treatment of human illnesses. This includes the development of computer-aided models in any area of medicine including molecular biology, oncology, morphology, and pathology, with the aim of improved patient care.

Cooperation with the newly created professorship for Bioinformatics, within the faculty and in the field of BioTechMed is expected.

Employment requirements:

- A relevant doctoral degree (PhD);
- A relevant habilitation (venia docendi) or an equivalent qualification;
- Excellent scientific achievements;
- Excellent didactic skills;
- Management and leadership abilities.
We also expect:

- International experience and integration in the international research community;
- Experience with acquisition and management of research grants or industrial experience;
- Experience in planning and teaching of relevant courses

Participation in teaching at bachelor’s, master’s and doctoral level and active participation in academic self-administration are expected. Excellent command of written and spoken English is required to represent the field internationally and to teach graduate courses. If the candidate does not speak German, we expect the willingness to learn German.

We expect the successful candidate to transfer her or his residence to the area of Graz.

Equal Opportunity Employer

Graz University of Technology aims to increase the proportion of women, in particular in management and academic staff, and therefore qualified female applicants are explicitly encouraged to apply. Until a balanced ratio of men and women has been achieved at the university, preference will be given to women if applicants are equally qualified.

Graz University of Technology actively promotes diversity and equal opportunities. Applicants are not to be discriminated against in personnel selection procedures on the grounds of gender, ethnicity, religion or ideology, age, sexual orientation (Anti-discrimination). People with disabilities who have the relevant qualifications are expressly invited to apply.

How to apply

Interested applicants are requested to submit by email a detailed application in English language including

- a resume with description of research and teaching experience (also mentioning theses supervised);
- a teaching statement and a research statement;
- a list of publications including copies of the five most important publications;
- copies of certificates and diplomas;
- the applications form available at [https://www.tugraz.at/go/professorships-vacancies](https://www.tugraz.at/go/professorships-vacancies)

The inclusion of reference letters is not requested.

The application should be sent to the dean of the Faculty of Computer Science and Biomedical Engineering at applications.csbme@tugraz.at.

Important Dates

The deadline for applications is November 26, 2019.

The hearings for the professorship will take place in the period of 27 January to 14 February 2020. Candidates should be available for interviews in this period. For further question, please contact Gernot Müller-Putz (gernot.mueller@tugraz.at).

The Dean: Roderick Bloem

www.tugraz.at/go/professorships