

Faculty of Mathematics, Physics and Geodesy

One position for a University Assistant with doctorate, with tenure track to a position as Associate Professor in the area of Theoretical Biophysics/ Biophysical Modelling and Simulation, is open to be filled. The position, initially restricted to six years and offering the possibility of a qualification agreement for a tenured position, is 40 hours per week and it is expected to be filled from March, 1st 2018, at the Institute of Theoretical and Computational Physics

Required academic qualification:

PhD or equivalent in Theoretical Physics.

The successful candidate should also possess the following qualifications:

Research and teaching experience in theoretical and computational physics, with emphasis on biological applications. The key research area of the institute for theoretical and computational physics (<https://www.tugraz.at/institute/itpcp/>) are quantum mechanical many-body systems in and out of equilibrium as well as fusions plasma physics. The institute will participate in the university wide LEAD project *Mechanics, Modelling, and Simulation of Aortic Dissection*.

The methodical focus lies in statistical and computational physics. The applicant should fit into the methodological focus of the institute and broaden the application in the direction of classical many-body systems with biophysical application.

Excellent skills of the English language are expected as well as the willingness to learn the German language.

The position will involve the following duties: Research in Theoretical Biophysics/Biophysical Modelling and Simulation, teaching in theoretical and computational physics, cooperation with other institutes of Graz University of Technology.

Attract external project funding. Establishment and management of a research group.

The position will be paid according to category B1 of the collective agreement for employees of Austrian universities, stipulating a gross salary of € 4.018,10 (14 x per year).

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. People with disabilities and who have the relevant qualifications are expressly invited to apply.

Applications with relevant documents (Curriculum vitae (including copies of certificates and documents) with exposition of the scientific activities in teaching, research and in industry, an English summary of current research interests and research plans for the immediate future) should be submitted, by email, to bewerbungen.mpug@tugraz.at and should quote the position identification number.

Application deadline: Nov, 29th, 2017, 23:59 CET

Position identification number (mandatory): 5150/17/15

Applications including a Curriculum Vitae and further documents should be addressed to the Dean of the Faculty of Mathematics, Physics and Geodesy,

- ☞ O.Univ.-Prof.Dr. Wolfgang ERNST, Petersgasse 16, A-8010, Graz
Applications per e-mail are preferred, please send to bewerbungen.mpug@tugraz.at
(please notice: applications per e-mail will be considered only if they arrive here no later than Nov, 29th 2017 , 23:59 o'clock)

Contact at the Institute:

UP Dipl.-Phys.Dr.rer.nat. Wolfgang von der Linden, Tel.: +43(316)873-8170, Email: vonderlinden@tugraz.at