

**Faculty of Mathematics, Physics and Geodesy**

**A PhD position for four years (Universitätsassistent/Universitätsassistentin ohne Doktorat) starting around October, 1st, 2019, is open at the Institute of Theoretical and Computational Physics**

Terms of Admission:

At the beginning of their employment candidates must have obtained a degree equivalent with a University master degree in Physics.

Required Qualification:

Experience in theoretical physics and in particular in the field of strongly correlated quantum many-body systems, preferably out of equilibrium, and in programming (C++, Fortran, Matlab, Mathematica), as well as excellent academic grades. The main focus will be in the field of ab-initio treatment of non-equilibrium properties of strongly correlated materials.

Optimisation procedures based on machine learning will also be involved.

It is strongly requested that a doctoral degree shall be pursued during the employment. The candidate will participate in the teaching duties of the Institute for Theoretical Computational Physics. Qualified women are strongly encouraged to apply.

**Closing date of applications: June, 14<sup>th</sup>, 2019**

Applications together with a Curriculum Vitae including contact information of potential referees, as well as a transcript of records should be sent only to the dean of the Faculty of Mathematics, Physics and Geodesy,

⇒ **o.Univ.-Prof. Dr. Robert Tichy,**

Petersgasse 16, A-8010, Graz

Required per email only to >>> [bewerbungen.mpug@tugraz.at](mailto:bewerbungen.mpug@tugraz.at)

**subject (mandatory):** PhD Position at ITPCP, identification number: 5150/19/012  
- Mr/Ms Firstname LASTNAME

Applications per e-mail are preferred.

**(please note: only e-mail applications with date and time of receipt before 11:59 PM on the closing date will be considered).**