

At the institute for materials chemistry (Theoretical Chemistry) at the Technical University of Vienna the following position in the area of “Application and development of improved density functionals for functionalizing defects” will be available:

A position for a **part-time employed assistant** (PhD student), expectedly from the 1st September of 2017 to the 31<sup>st</sup> of August 2021

Remuneration B1, with 25 hours pr. week. The monthly minimal wage is presently €1.685,30 gross (14x pr. year). Due to activity-related previous experience, the fee may increase.

Admission requirements: Master's degree in chemistry, physics or material science or an equivalent university degree from Austria or abroad.

Other knowledge: The successful applicant will develop and apply methods within the density functional theory for the investigation of functionalizing defects. We expect excellent grades, good communication skills in English, and the willingness to visit cooperation partners all over the world. Experience with ab-initio methods and object-oriented programming languages like C ++ or Python are desirable.

In addition to curriculum vitae, grades and certificates, qualified applicants are also asked to provide names, addresses and email addresses of up to three references.

For further information on the project and the research group, please contact:  
[georg.madsen@tuwien.ac.at](mailto:georg.madsen@tuwien.ac.at) ([https://www.imc.tuwien.ac.at/tc\\_madsen](https://www.imc.tuwien.ac.at/tc_madsen)).

The university aims to increase the proportion of women, in particular in management functions and in scientific and artistic personnel, and therefore explicitly calls on qualified women to apply.

#### Applications:

Applications should be sent to Personaladministration, Fachbereich wiss. Personal der TU Wien, Karlsplatz 13, 1040 Wien

Online applications to [birgit.hahn@tuwien.ac.at](mailto:birgit.hahn@tuwien.ac.at)

By Online applications please only send PDF files and quote FDFT65 in the subject line.

Deadline: 31.07.2017 (Post stamp)

The applicants are not entitled to compensation for accrued travel and subsistence expenses incurred as a result of the admission procedure.