

The University of Vienna (20 faculties and centres, 184 fields of study, approx. 10.400 members of staff, about 90.000 students) seeks to fill the position from 01.02.2023 of a

University Assistant (post doc) at the Department of Theoretical Chemistry

Reference number: 13584

General Description (research group)

The González research group's focus (<https://theochem.univie.ac.at/>) is driven by understanding chemical phenomena using contemporary computational and theoretical methods. In particular, we employ ab initio quantum chemistry to understand relationships between structure and function but we also develop chemical dynamics methods to model and predict chemical and photochemical process of complex systems and to control chemical reactions using light. Prof. González's current research focus is put at using highly accurate electronic structure methods, developing molecular reaction dynamical methods and interfacing both fields to achieve basic understanding of chemical processes and structure-function relationships as well as obtain quantitative predictions in molecules, biological systems and materials.

A Postdoc position is available for an early stage researcher at the University of Vienna, Austria, in the field of quantum computing for excited state chemistry and chemical dynamics.

This is a 4 year postdoc position with the option to extend it for a further 2 years after a successful internal interim evaluation.

For more information and to apply - please visit [Moritz Schlick early-career Postdoc Programm](#).

Duration of employment: 4 year/s

Extent of Employment: 40 hours/week

Job grading in accordance with collective bargaining agreement: §48 VwGr. B1 lit. b (postdoc) with relevant work experience determining the assignment to a particular salary grade.

Research fields:

Main research field	Special research fields	Importance
Chemistry	Theoretical chemistry	MUST

Education:

Educational institution	Educational level	Special subject	Importance
University	Chemistry	Theoretical chemistry	MUST

Languages:

Language	Language level	Importance
English	Excellent knowledge	MUST
German	Very good knowledge	SHOULD

Computer-Skills:

Type of computer skills	Specified computer skills	Importance
Programming language	FORTRAN/C/C ++	MUST
Operating system knowledge	Linux	MUST

For more information and to apply - please visit [Moritz Schlick early-career Postdoc Programm.](#)

The University pursues a non-discriminatory employment policy and values equal opportunities, as well as diversity (<http://diversity.univie.ac.at/>). The University lays special emphasis on increasing the number of women in senior and in academic positions. Given equal qualifications, preference will be given to female applicants.