Job posting

Type of position
- ☒ scientific
- ☐ administrative

Target group
- ☒ graduates
- ☐ post docs
- ☐ other

Title
University Assistant (prae doc)
at the Department of Computational Biological Chemistry,
Faculty of Chemistry, University Vienna

Institution
The research group of Prof. Christian Schröder at the Institute of Computational Biological Chemistry studies the properties of ionic liquids and their mixtures with other solvents on the basis of polarizable molecular dynamics simulations.

Position
University Assistant (prae doc)
at the Department of Computational Biological Chemistry

Reference number: 10613

Duration of employment: 4 years
Extent of Employment: 30 hours/week
Job grading in accordance with collective bargaining agreement: §48 VwGr. B1 Grundstufe (praedoc) with relevant work experience determining the assignment to a particular salary grade.

Responsibilities
The candidate should be familiar with corresponding programs and force field parametrizations such as “force matching”. In addition, good knowledge in Python is a prerequisite. The optimal candidate has experience in computing dielectric, solvation dynamics and IR spectra from Gigahertz to Terahertz from the generated trajectories.
The position is appointed for 4 years. Excellent knowledge in English is mandatory, very good knowledge in German is also a must as you will give courses in the bachelor curriculum of Chemistry, e.g. molecular spectroscopy as defined by the collective agreement. We expect the successful candidate to sign a doctoral thesis agreement within 12-18 months.

Requirements
Excellent grading in Master curriculum of Chemistry with a particular focus on Theoretical Chemistry. Excellent command of written and spoken English and German are a prerequisite. The candidate should be very familiar using Linux operating systems and be able to code in Python.
The candidate should be able to perform (polarizable) molecular dynamics simulations and analyze the corresponding data. Additionally, very good knowledge in experimental and theoretical spectroscopy.
Publication experience is desirable.

Application documents:
Letter of motivation including research interests, academic curriculum vitae, list of publications, evidence of teaching experience (if available), degree certificates

Research fields:
Main research field: Chemistry
Special research fields: Theoretical chemistry
Importance: must

Education:
Educational institution: University
Educational level: Chemistry
Special subject: Theoretical chemistry
Importance: must

Languages:
English:
Language level: Very good knowledge
Importance: must
German:
Language level: Very good knowledge
Importance: must

Applications including a letter of motivation (German or English) should be submitted via the Job Center to the University of Vienna (http://jobcenter.univie.ac.at) no later than 22.03.2020, mentioning reference number 10613.

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.

Human Resources and Gender Equality of the University of Vienna
Reference number: 10613
E-Mail: jobcenter@univie.ac.at
Privacy Policy of the University of Vienna
| Contact | For further information please contact Schröder, Christian +43-1-4277-52711. |