A PhD position for a university assistant (prae doc) is available at the Institute of Physical Chemistry at the Faculty of Chemistry. The group of Chemical Sensing and Rapid Analysis at the University of Vienna mainly focusses on designing novel biomimetic sensing systems. The group enjoys a worldwide reputation of being at the forefront of polymer-based ans self-organized sensing layers.

The position is advertised for 4 years, starting with a contract duration of 1.5 years which will automatically be extended to a duration of 4 years, unless the employer does submit a nonextension notification after 12 months.

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 successful candidate will focus on systematic studies of standardized molecularly imprinted thin films. Those will comprise different surface analytical techniques (e.g. scanning probe microscopy, vibrational spectroscopy) to gain deeper understanding on binding between such layers and their target analytes. The advertised position composes participation in research, teaching and administration, i.e.: - Participation in research projects/ research studies - Participation in publications/ academic articles/ presentations - We expect the
successful candidate to sign a doctoral thesis agreement within 12-18 months. - Participation in teaching and independent teaching of courses as defined by the collective agreement - Supervision of students

Requirements
- Masters degree in Chemistry from a university. - Previous experience in surface analysis. - Fluency in English: written and oral. - Experience in data acquisition software. - Experience in developing imprinted polymer films is an advantage. - Basic experience in research Methods

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

Research fields:
Main research field: Chemistry
Special research fields: Physical chemistry, Materials chemistry, Surface chemistry
Importance: must

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

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

Computer-Skills:
Type of computer skills: Basic Knowledge
Specific computer skills: Others
Importance: should

Application procedure (deadline etc.)
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 07.03.2022, mentioning reference number 12869.

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: 12869
E-Mail: jobcenter@univie.ac.at
Privacy Policy of the University of Vienna

Contact
For further information please contact Lieberzeit, Peter +43-1-4277-52341, Lampert, Elke +43-1-4277-52401.