



Universität Hamburg

DER FORSCHUNG | DER LEHRE | DER BILDUNG

As a University of Excellence, Universität Hamburg is one of the strongest research universities in Germany. As a flagship university in the greater Hamburg region, it nurtures innovative, cooperative contacts to partners within and outside academia. It also provides and promotes sustainable education, knowledge, and knowledge exchange locally, nationally, and internationally.

The Faculty of Mathematics, Informatics and Natural Sciences, Department of Chemistry, Institute of Physical Chemistry invites applications for a

RESEARCH ASSOCIATE FOR THE PROJECT “FEMTOSECOND INFRARED SPECTROSCOPY OF WATER DYNAMICS IN CHEMICALLY CONTROLLED NANOPORES”

- SALARY LEVEL 13 TV-L -

The position in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commences on or after July 1st, 2020.

This is a fixed-term contract in accordance with Section 2 of the academic fixed-term labor contract act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The term is fixed for a period of 3 years. The position calls for 50 % of standard work hours per week**.

RESPONSIBILITIES:

Duties include academic services in the project named above. Research associates may also pursue independent research and further academic qualifications.

SPECIFIC DUTIES:

Excellent scientific research in femtosecond infrared spectroscopy within the collaborative research group on the properties of water in chemically controlled nanoporous materials, dissemination at conferences and in particular in high-quality peer-reviewed journals, support in the supervision of BSc. and MSc. students, and collaborative support in the use of equipment.

REQUIREMENTS:

A university degree in a relevant field. Relevant fields include M.Sc. in physical or chemical sciences, high motivation to pursue a PhD thesis, experience in following areas (2 or more are beneficial):

- Ultrafast lasers
- Molecular vibrational spectroscopy
- Modeling of structure and dynamics of liquids/molecular systems

* Full-time positions currently comprise 39 hours per week.

Qualified disabled candidates or applicants with equivalent status receive preference in the application process.

For further information, please contact Prof. Nils Huse or consult our website at https://www2.physnet.uni-hamburg.de/fachbereich-physik/institute/inf/inf/huse_e.html.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by March 31th, 2020 to: nils.huse@uni-hamburg.de.

Please do not submit original documents as we are **not** able to return them. Any documents submitted will be destroyed after the application process has concluded.