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
“NANOCOMPOSITES AND MATERIALS FOR ENERGY SOLUTIONS”
- 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 March 1, 2021.

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 until July 31, 2022. The position calls for 39 hours per week. This position is also suitable for part time employment.

RESPONSIBILITIES:

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

SPECIFIC DUTIES:

The primary duties of the candidate involve synthesis and hierarchical assembly of anisotropic nanomaterials. In addition, the candidate will be responsible for characterization of structural, photophysical, and photocatalytic properties of these nanomaterials and their hierarchical assemblies by a variety of methods including microscopy, spectroscopy, and photo/electrochemistry. The candidate will also be responsible for mentorship of doctoral students and managing internal group affairs. The candidate will play an important role in a nascent group focusing on the colloidal synthesis and self-assembly of nanomaterials, and become members of the Institute of Physical Chemistry. Furthermore, the Cluster of Excellence: Center for Ultrafast Imaging (CUI) will provide opportunities for collaboration with top-notch scientists and access state-of-the-art ultrafast techniques.
**REQUIREMENTS:**

A university degree in a relevant subject plus doctorate. Prior postdoctoral experience is preferred. Clear evidence of mentoring and leadership skills is desired. Excellent knowledge of colloidal/physical chemistry, nanoscience, inorganic synthesis, or surface functionalization techniques; Expertise in physicochemical characterization and spectroscopic techniques. Very good English language skills.

The Free and Hanseatic City of Hamburg promotes equal opportunity. As women are currently underrepresented in this job category at Universität Hamburg according to the evaluation conducted under the Hamburg act on gender equality (Hamburgisches Gleichstellungsgesetz, HambGleiG), we encourage women to apply for this position. Equally qualified and suitable female applicants will receive preference.

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

For further information, please contact Dr. Eric Hill (eric.hill@chemie.uni-hamburg.de) or consult our website at https://www.chemie.uni-hamburg.de/en/institute/pc/arbeitsgruppen/hill.html.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by December 21, 2020 to: eric.hill@chemie.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.