



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 Regional Computing Center invites applications for a

RESEARCH ASSOCIATE FOR THE PROJECT

“CLICCS - CLIMATE, CLIMATIC CHANGE, AND SOCIETY”

- DATA VISUALIZATION IN THE CLIMATE SCIENCES

- SALARY LEVEL 13/14 TV-L -

The position in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commences on 1. November 2019.

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 31. December 2025. The position calls for 39 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:

The objective of this postdoctoral position is to perform research on novel data analysis, feature extraction, and visualization techniques for application in the climate sciences. We envision, for example, visual analysis methods for large datasets of high spatio-temporal resolution for integration into current high-performance computing environments. You will work at the intersection of computer science and climate sciences in an interdisciplinary environment and closely collaborate with CLICCS project partners to facilitate future climate research. At the Regional Computing Centre, you will be part of a newly established visualization team, tightly integrated into the local scientific environment including both computer and climate sciences.

REQUIREMENTS:

A university degree in a relevant subject plus doctorate. Preferably in computer science, meteorology, oceanography, applied mathematics, physics, or related fields.

In addition, we are looking for the following skills:

- Profound programming skills
- Profound interest in conducting interdisciplinary research at the intersection of computer sciences and climate sciences
- Evidence of developing a track record of internationally recognized research as documented by publications in peer reviewed international journals, commensurate with the candidate's career state
- Strong oral and written communication skills
- Excellent organizational skills
- Beneficial will be knowledge and experience in one or more of the following topics: high-performance computing, parallel programming, graphics programming, visualization techniques, numerical earth system models, data mining techniques.

The University aims to increase the number of women in research and teaching and explicitly encourages qualified women to apply. Equally qualified female applicants will receive preference in accordance with the Hamburg act on gender equality (Hamburgisches Gleichstellungsgesetz, HmbGleiG).

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

For further information, please contact stephan.olbrich@uni-hamburg.de and/or marc.rautenhaus@uni-hamburg.de or consult our website at <https://www.cliss.uni-hamburg.de>.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by 30. September 2019 to: cliggs-applications.cen@uni-hamburg.de, reference code HPC. Please merge your documents into 1 PDF.

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.