



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 Informatics, Human-Computer-Interaction and Faculty of Psychology and Behavioral Sciences, Social Psychology invites applications for a

RESEARCH ASSOCIATE FOR THE PROJECT “ATTITUDE AND BEHAVIOR CONGRUENCE IN SOCIAL INTERACTIONS” IN INTERDISCIPLINARY RESEARCH GROUP - 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 01.07.2020.

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 until 30.06.2023. The position calls for 100 % of standard work hours per week**. This position is also suitable for part time employment.

RESPONSIBILITIES:

Duties include academic services in the project named above (75%). The remaining working time primarily include teaching and research (25%). Research associates may also pursue independent research and further academic qualifications.

SPECIFIC DUTIES:

The goal of the successful candidate is to design and implement behavioral experiments in real and virtual dyadic interactions and to provide interactive tools for behavior measurement and analysis based on artificial intelligence. The main focus lies on accessing and analysing behaviors and behavior patterns (i.e., approach-avoidance behaviors) in their relations to social-psychological attitude measurements. Research-related activities cover 75% of the work time. Additionally, the successful candidate is expected to teach and supervise research theses covering 1 teaching hour p/w (25% of work time).

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

This project is part of the interdisciplinary research group "Mechanisms of Change in Dynamic Social Interactions", which integrates fundamental science, innovative methods, and applications in psychology and computer science.

The research group is funded by Landesforschungsförderung der Stadt Hamburg. All involved researchers will actively contribute to the group, e.g. via research colloquia, presentations, and interactive workshops.

The successful candidate will work in the research project "Attitude and Behavior Congruence in social interactions" under the supervision of Prof. Frank Steinicke (HCI) und Prof. Juliane Degner (social psychology). All project activities require an interdisciplinary research orientation and cover the design and implementations of behavioral experiments, data collection in video- and VR-labs and the complete process of data processing, analyses and presentations at national and international conferences. The successful candidate will be actively supported in publishing in (inter)national outlets and pursuing further qualifications and may also be involved in application for follow-up research funding.

REQUIREMENTS:

A university degree in a relevant field. Examples are Computer Science, Human-Computer-Interaction and Psychology, etc. We expect very good programming skills and interest in interdisciplinary research collaboration and fluent English (spoken and written). Knowledge of German is helpful; we expect the willingness to learn German for non-native German speakers. Further eligible are prior experiences in at least one of the following research fields:

- Human-Computer-Interaction
- Social Psychology (attitude assessment)
- Virtual und Augmented Reality
- Interaction Design and Usability Engineering

For the implementation, additional technical skills are preferable in the following fields:

- Unity3D, Unreal or similar graphics/rendering engines
- Object-oriented programming (e.g., C#, C ++ or Java)
- basic knowledge in machine learning and data science
- Statistics (such as R / SPSS)

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/male applicants will receive preference.

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

For further information, please contact frank.steinicke@uni-hamburg.de or juliane.degner@uni-hamburg.de or consult our website at hci.informatik.uni-hamburg.de and <https://www.psy.uni-hamburg.de/forschung/interaktion.html>. Candidates with no degree in computer sciences are advised to contact us for further information before applying . Interviews with eligible candidates are scheduled for the beginning of April.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by 03.04.2020 to: antje.luenstedt@uni-hamburg.de in a single PDF document. .

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.