REFERENCE NUMBER 003/25 DM	START DATE EARLIEST POSSIBLE	SALARY LEVEL EG 13 TV-L	APPLICATION DEADLINE 26.02.2025

HAW:
FACULTY OF ENGENEERING AND COMPUTER SCIENCE
DEPARTMENT OF COMPUTER SCIENCE

and

DESY:
RESEARCH WITH SYNCHROTON RADIATION SUSTAINABLE MATERIALS

RESEARCH ASSOCIATE / POSTDOC (TANDEM POSITION)

IN THE FIELD OF DYNAMIC SYSTEMS AND MACHINE LEARNING

This is a full-time tandem position for a fixed term of 36 months, in which you will be employed 50% at HAW Hamburg (currently 19.5 hours / week) and 50% at our cooperation partner DESY (currently 19.5 hours / week).

ABOUT US

HAW Hamburg

Knowledge, action, change: each day, these intrinsically linked values inspire us to meet and tackle the societal and technological challenges of our time. As well as providing the specialists and managers of tomorrow with the interdisciplinary knowledge they will need in their future careers, we seek to advance their problem-solving skills and their awareness of their responsibility in and to the world. With the applied sciences at the heart of all we do, we work hand in hand to create a visionary campus with a positive and enduring effect in Hamburg and the surrounding region.

HAW Hamburg. Because you can make a difference.

DESY:

DESY, with more than 2900 employees at its two locations in Hamburg and Zeuthen, is one of the world's leading research centres. Its research focuses on decoding the structure and function of matter, from the smallest particles of the universe to the building blocks of life. In this way, DESY contributes to solving the major questions and urgent challenges facing science, society and industry. With its ultramodern research infrastructure, its interdisciplinary research platforms and its international networks, DESY offers a highly attractive working environment in the fields of science, technology and administration as well as for the education of highly qualified young scientists.

HAW Hamburg and DESY are working together as part of the "go-2-prof:in" project (FH-Personal funding program). The project aims to qualify people from professional practice for professorships at universities of applied sciences. This position is therefore aimed in particular at people with an interest in the professional goal of an "HAW professorship".

As part of this tandem position, you will gain practical work experience at DESY outside the university. At the same time, you will work at HAW Hamburg and develop your research and teaching skills at university.

YOUR ROLE

– Implementation of a research project in the field of scattering data analysis with methods of artificial intelligence in cooperation between HAW Hamburg and DESY
– Writing of scientific publications and presentations at international conferences
– Coordination and application for national and international research projects (third-party funding)
– Expansion and maintenance of the cooperation with our project partner DESY and collaboration in interdisciplinary teams
– Independent teaching of 2 LVS at HAW Hamburg

YOUR PROFILE

Required qualifications

– Scientific university degree (Master or equivalent) in physics, computer science, engineering, mathematics or a comparable field of study
– Qualified doctorate in physics, computer science, engineering, mathematics or a comparable field of study
– less than 3 years of non-university professional experience after the first degree (work experience with a job size of less than 50% is not taken into account)

Desirable qualifications

– in-depth expertise in the field of artificial intelligence, machine / deep learning
– Knowledge of physics-informed machine learning / experience with X-ray scattering, Proficiency in Python
– Experience in the application and processing of third-party funded projects
– Very good knowledge of English (comparable to C1 GeR)

WHAT WE OFFER

– a dynamic position in an interesting area of work at an open-minded, forward-thinking university
– membership in a team that welcomes your contributions and supports you during the onboarding and orientation process
– a centrally located workplace with good public transport access at the Berliner Tor location Campus
– 30 days of holiday annually (based on a five-day work week) and a workplace pension
– flexible and family-friendly working hours (possibility of telecommuting or mobile working)

WE LOOK FORWARD TO RECEIVING YOUR APPLICATION

Please describe how you meet the position requirements and send us the following documents:

– a cover letter, your CV and copies of the required degree/educational certificates,
– an up-to-date assessment or letter of reference (no more than three years old),
– where applicable, proof of a disability or equivalent status,
– declaration of consent to review your personnel file, together with the name of the unit currently responsible for the file (for public service employees only).

We encourage women to apply. Due to their lower representation they are prior-ranked in case of same suitability, qualification and expertise.

You can find more information about HAW Hamburg, equal opportunities measures, data protection, and educational qualifications from outside of Germany, as weil as for people with a disability and those with equivalent status, on our job openings information page.

Further information about DESY are located here.

CONTACT INFORMATION

If you have questions about the job posting, please contact

HAW Hamburg
Prof. Dr. Marina Tropmann-Frick, T + 49 40 428 75 8418, marina.tropmann-frick@haw-hamburg.de

DESY
Prof. Dr. Stephan Roth, T + 49 40 899 829 34, stephan.roth@desy.de

If you have questions related to human-resources matters, please contact

Inga Wirth, T + 49 40 428 75 9815, inga.wirth@haw-hamburg.de

GEFÖRDERT VOM

Bundesministerium
für Bildung
und Forschung

Hamburg | Behörde für Wissenschaft, Forschung, Gleichstellung und Bezirke

HOCHSCHULE FÜR ANGEWANDTE WISSENSCHAFTEN HAMBURG

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