At HafenCity University Hamburg, the following position will be available probably as of 15.09.2025 in the area of TGA with Digital Infrastructure

Research Associate (m/f/d) in the project "SESAME"
Digital Infrastructure & Interoperability
Pay group 13 TV-L

to support the research with 50% of the regular weekly working hours. The position is limited until 14.09.2027.

About us

The HafenCity University Hamburg, University of Architecture and Metropolitan Development (HCU) is a university that focuses on the built environment. The HCU unites all aspects of building and design, engineering, and natural sciences as well as geoscientific and social sciences under one roof.

The SESAME Project (Systematic Exploration of Strategic Alliance Models between Networked Digital Participatory Platforms for Open Urban E-Governance) funded by the DFG aims to investigate strategic alliance models to transform Digital Participatory Platforms (DPPs) into interconnected systems capable of enabling inclusive and effective urban governance.

Through a systematic analysis of DPPs' current capabilities and the potential of strategic alliances, SESAME will develop frameworks to enhance scalability, interoperability, and adaptability across diverse urban contexts. This project will deliver actionable models and methodologies to foster collaborative innovation, knowledge exchange, and broad stakeholder engagement, contributing to sustainable urban development and open e-governance.

The position is assigned to the Professorship of Prof. Dr.-Ing. Jörg Rainer Noennig.

Here you can find more information about HCU and the Arbeitgeberin Freie und Hansestadt Hamburg.

Your tasks

Through cutting-edge research, you will…

- develop and evaluate frameworks for platform interoperability and geospatial and/or crowdsourced data standards
- support the formulation and assessment of strategic models for platform networking
- analyze and compare digital platforms and infrastructures
- conduct expert interviews and desk research on digital urban systems
- co-author scientific publications and contribute to knowledge dissemination

Your profile

mandatory requirements

- an academic university degree (master's degree or comparable) iin information systems, urban informatics, computer science, data science, engineering, or a comparable field
- demonstrated ability to conduct structured and independent research

additional requirements

- familiarity with open standards and interoperability frameworks as if with social media/text analysis or NLP and with systems design and engineering
- knowledge of semantic vocabularies, data governance, and city data infrastructures
- ability to engage with and analyze complex socio-technical ecosystems
- skills in interviewing technical stakeholders, synthesizing technical software components and creating comparative frameworks
- fluent written and spoken English and strong collaborative and analytical skills

Benefits

- workplace at an attractive location in HafenCity
- varied work in a university environment in cooperation with international scientific partners
- a family-friendly university that supports its employees in balancing work and family life
- support for professional and personal development through a wide range of training and continuing education opportunities
- other benefits such as discounts in the student union canteens

Contact

For questions and further information, do not hesitate to contact Fernando Montaño, at +49 (0) 40 300 880-5725 or fernando.montano@hcu-hamburg.de

The applicant's classification regarding the level of experience within the advertised TV-L pay group is based on the candidate's individual work experience and is reviewed by the HR department. Legally binding statements can only be made by the HR department of the HCU.

Please send your application (including CV, cover letter, and copies of relevant certificates), no later than **25.07.2025** (preferably by email as one PDF file) to:

HafenCity Universität
Personalverwaltung
Stellen-Nr.: 2025-89
Henning-Voscherau-Platz 1
20457 Hamburg
E-Mail: **HCU-bewerbung@vw.hcu-hamburg.de**

Please include the reference number „**2025-89**" in your application.

Please be aware that in case of an invitation to an interview, HCU will not be able to cover any expenses for travel and lodging.

Due to the high number of applicants, the HCU will not be able to return application documents. Therefore, please do not submit originals of certificates. If you add a post-paid envelope, the HCU will return your application documents.