



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

Research Associate (m/f/d) – Digital City Science

Pay group 13 TV-L

to support research and teaching with 100% of the regular weekly working hours. The position is limited to 3 years

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 HCU Professorship of Digital City Science (DCS) researches digital technologies for urban and metropolitan development and applies them in a national and international context. The international and interdisciplinary team develops data-based approaches for the analysis and planning of complex urban systems. It combines expertise in architecture, urban and spatial planning, computer science, and media technology. With an extensive network of partners, DCS researchers develop pioneering tools used in applied projects and basic research.

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

The aim of the qualification is to obtain a doctorate within the period of employment. A project outline for the intended research topics at the HCU (max. three pages) is expected. Motivation and project outline must be submitted with the application.

Here you can find more information about [HCU](#) and the [employer Freie und Hansestadt Hamburg](#).

Your tasks

Joining the Digital City Science Professorship, you'll have a unique opportunity to work in an interdisciplinary and international environment. As the 'Transfer Lead,' you'll be at the forefront of our team, playing a pivotal role in transferring project results from academic research to practical applications.

With a view to the R&D portfolio and the projects of the DCS Professorship, you will formulate independent ideas and concepts for the scientific, economic and social exploitation of project results and the further development of content, concepts and technology.

You proactively investigate and discover potential uses and innovative fields of application for the digital tools (software solutions, data platforms, simulation processes, interactive media, etc.) developed at the professorship, which is primarily designed in the context of the digital city. You also strategically support our young scientists in start-up and transfer activities.

This includes providing GovTech solutions for policymakers and public authorities, transferring technology to industry, and initiating, conceiving, and implementing spin-off and start-up projects. You will investigate relevant funding opportunities, draft funding applications, and transfer concepts with others involved in the professorship. You will be primarily engaged in the local Hamburg transfer and start-up ecosystem. However, you will also be responsible for disseminating and replicating project results in the international partner network of DCS. Your doctoral thesis and your courses should be in the same subject area to maximize synergies and ensure rapid progress of your dissertation.

Your profile

mandatory requirements

- an academic university degree (master's degree or comparable) in urban development, architecture, computer science or a comparable field of study
- very good written and spoken English skills

additional requirements

- successful initiation and generation of third-party funding and transfer funding
- cooperation experience with public and private institutions, companies, organizations as well as experience with start-up and spin-off activities
- basic knowledge of intellectual property, patent and licensing law as well as knowledge of (Urban) Data Science, City/Building Information Modeling, GIS, BIM
- ability to work in an interdisciplinary team with a transdisciplinary approach
- high degree of self-organization and self-motivation, creativity and innovative spirit as well as strong communication and presentation 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 Catherine Vandermeulen, at +49 (0) 40 42827-4076.

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 **02.01.2025** (preferably by email as one PDF file) to:

HafenCity Universität
Personalverwaltung
Stellen-Nr.: 2024-124
Henning-Voscherau-Platz 1
20457 Hamburg
E-Mail: HCU-bewerbung@vw.hcu-hamburg.de

Please include the reference number „**2024-124**“ 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.