The Collaborative Research Center 1208 "Identity and Dynamics of Membrane Systems – from Molecules to Cellular Functions" within the Department of Mathematics & Natural Science at Heinrich Heine University Düsseldorf, Germany, invites applications for a position as

Scientific Employee (m/f/d)

(100 %, pay grade 13 TV-L)

The employment is initially limited for a period of one year. It is a qualification position in the sense of the Act of Academic Fixed-Term Contract (Wissenschaftszeitvertragsgesetz-Wiss-ZeitVG), which is to promote the scientific qualification of the employee.

The CRC 1208, funded by the German Research Foundation, addresses fundamental questions how biological membrane systems obtain their identity and control their spatio-temporal dynamics within the entire biological relevant timescale from nanoseconds to days. Within the SFB the project „INF: Acquisition – Processing – Sharing – Storage: Research Data Management for Interdisciplinary Membrane Research“. The goal of the project INF (Information Infrastructures) is to provide a data management platform for the research data of the CRC 1208 in order to ensure data processing according to FAIR guiding principles (findability, accessibility, interoperability and reusability) and to improve the reusability of scientific data. In addition to technical aspects of data management, we want to sensitize CRC researchers to the importance of integrated data management in order to make its added value available for our research projects.

Your tasks:
Support for the INF project team in the implementation of integrated research data management (FDM) established within the INF project. This includes e.g., the establishment of a central storage location, the support of the SFB working groups in the use of the electronic lab book, the establishment of common standards for the identification of data sets, the integration of the image database OMERO for the central management of imaging data generated in the CRC and the identification of interfaces where data formats have to be adapted and files have to be transferred without loss. In addition to the technical aspects of integrated research data management, the range of tasks also includes the development of training concepts for the different target groups in the CRC. The technical tasks are implemented in close cooperation and with the support of the HHUs computer center. The training concepts are to be developed and applied in cooperation with the staff of the University and State Library (ULB) of the HHU who have been trained in the RDM area.

Our requirements:
• a completed scientific university education (M.Sc. / M.A. / Diploma / Magister) in the field of computer science, bioinformatics or a natural science (chemistry, biology, physics, pharmacy or similar)
• knowledge in the field of (bio)computer science as well as at least one of the natural sciences
• a doctorate is desirable
• experience in externally funded interdisciplinary joint projects and collaborations as well as a demonstrated handling of diverse and large amounts of data is desirable
• excellent communication skills in an interdisciplinary environment, as represented by our SFB consortium, as well as knowledge in requirement engineering
• since the topic of CRC 1208 is also of international importance, a command of the English language in spoken and written form is necessary

The pay scale grouping will be, depending on the personal qualification of the applicant, up to pay grade 13 TV-L. In principle, the employment can also take place part-time, if no compelling official reasons are opposed in an individual case.

Heinrich Heine University Düsseldorf aims at increasing the percentage of employed women. Applications from women will therefore be given preference in cases of equal aptitude, ability and professional achievements unless there are exceptional reasons for choosing another applicant. Applications from suitably qualified severely disabled persons or disabled persons regarded as being of equal status according to Book IX of the German Social Code (SGB – Soziales Gesetzbuch) are encouraged.

Please submit your application documents (CV, university degrees, covering later (max. 2 pages), contact information of two possible consultants) citing reference no. 137.22 – 3.1 until 31.08.2022 preferably by email to: stefanie.weidtkamp-peters@hhu.de or in writing to:

Heinrich Heine University Düsseldorf
Faculty of Mathematics and Natural Sciences
Center of Advanced Imaging (CAI)
26.24 Floor/Room: 00.011
Attn. Dr. Stefanie Weidtkamp-Peters
Universitätsstr. 1
D-40225 Düsseldorf

Please do not submit application materials in folders and be sure to send copies only, as documents will not be returned (they will be destroyed after the selection procedure has been completed).