TUD Dresden University of Technology, as a University of Excellence, is one of the leading and most dynamic research institutions in the country. As a modern employer, it offers attractive working conditions to all employees in teaching, research, technology and administration. The goal is to promote and develop their individual abilities while empowering everyone to reach their full potential. TUD embodies a university culture that is characterized by cosmopolitanism, mutual appreciation, thriving innovation and active participation. For TUD diversity is an essential feature and a quality criterion of an excellent university. Accordingly, we welcome all applicants who would like to commit themselves, their achievements and productivity to the success of the whole institution.

One of the research focuses of the Department Center for Information Services and High Performance Computing (ZIH) at the Center for Interdisciplinary Digital Sciences (CIDS) is digital data. As a partner in several consortia of the National Research Data Infrastructure (NFDI) initiative, for example, ZIH conducts research on data management and heads the national competence center for Big Data and Artificial Intelligence ScaDS.AI Dresden/Leipzig. Working at ZIH offers you opportunities for creative collaboration with international experts on cutting-edge topics like data management and data science. You'll have access to a state-of-the-art data science-optimized data center infrastructure, opportunities for further qualification, flexible working hours, a family-friendly working environment, and the chance to live in a city rich in science and culture, surrounded by a unique landscape.

The ZIH offers a position as part of the DFG Collaborative Research Center/Transregio 369: "Degeneration of Bone Induced by Inflammation (DIONE)" as

**Research Associate for research data and information infrastructures (m/f/x)**
(subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

starting April 1, 2024. The position is limited until December 31, 2027 (planned total duration 12 years). The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz – WissZeitVG). The position aims at obtaining further academic qualification (usually PhD).

The CRC/Transregio is concerned with research on the relation between inflammatory diseases and bone loss and fractures. The aim of ZIH is to set up a virtual research environment for the management and analysis of the research data and to support the researchers.

**Tasks:**
- scientific research and development in the context of IT infrastructures for data collection and data management in medical research
- coordination and analysis of the requirements for the use of IT for data management by researchers at the Dresden and Erlangen sites
- designing and implementing a virtual research environment in collaboration with medical researchers
- conducting training and further education for the developed IT infrastructure
- close interdisciplinary cooperation with the scientists in the consortium and with the Service Center Research Data at TUD.

**Requirements:**
- university degree in computer science, bioinformatics or a comparable natural or engineering science
- experience in programming and software development (e.g. Python, C++)
- high degree of independence, commitment, flexibility and team spirit
- very good English language skills
knowledge in the field of (research) data management.

TUD strives to employ more women in academia and research. We therefore expressly encourage women to apply. The University is a certified family-friendly university and offers a Dual Career Service. We welcome applications from candidates with disabilities. If multiple candidates prove to be equally qualified, those with disabilities or with equivalent status pursuant to the German Social Code IX (SGB IX) will receive priority for employment.

Please submit your detailed application with the usual documents under the job ID “DIONE” by March 12, 2024 (stamped arrival date of the university central mail service or the time stamp on the email server of TUD applies), preferably via the TUD SecureMail Portal https://securemail.tu-dresden.de by sending it as a single PDF file to zih@tu-dresden.de or to: TU Dresden, ZIH, Herrn Prof. Dr. Wolfgang E. Nagel, Helmholtzstr. 10, 01069 Dresden, Germany. Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

Reference to data protection: Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website: https://tu-dresden.de/karriere/datenschutzhinweis.