

Technische Universität Dresden - Cluster of Excellence “Responsible Electronics in the Climate Change Era - REC²”



TUD Dresden University of Technology, as a University of Excellence, is one of the leading and most dynamic research institutions in the country. Founded in 1828, today it is a globally oriented, regionally anchored top university as it focuses on the grand challenges of the 21st century. It develops innovative solutions for the world's most pressing issues. In research and academic programs, the university unites the natural and engineering sciences with the humanities, social sciences and medicine. This wide range of disciplines is a special feature, facilitating interdisciplinarity and transfer of science to society. 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.

Research Data Manager (m/f/x)

(subject to personal qualification employees are remunerated according to salary group E 13 TV-L) The new Cluster of Excellence “Responsible Electronics in the Climate Change Era - REC²” offers a position as Research Data Manager (m/f/x) starting as soon as possible. The position is limited until December 31, 2032 (time limitation pursuant to TzBfG). A defining characteristic of the Cluster of Excellence REC² is its diversity, which brings together different scientific perspectives and translates research into societal contexts. As research data from various disciplines (e.g. material science, physics, chemistry, electrical engineering, computer science, resource management, business and economics, communication science, and sociology) are generated within the cluster, REC² is seeking an experienced professional to coordinate and further develop the handling of these data. In this key role, you will work closely with researchers, service units, and infrastructure providers to develop sustainable, cross-disciplinary solutions.

City: Dresden; Starting date (earliest): At the earliest possible; Duration: The position is limited until December 31, 2032.; Remuneration: subject to personal qualification employees are remunerated according to salary group E 13 TV-L; Reference number: REC² Data Manager, last name; Closing date: 10/04/26

Tasks

- Lead the strategic design and scientific advancement of a coherent and future-oriented Research Data Management (RDM) framework within EXC REC²
- Scientific support, methodological design, and evaluation of central, scalable research data infrastructures and integrated database systems for the sustainable storage, publication, and long-term preservation of heterogeneous research data
- Analysis, harmonisation, and further development of cross-disciplinary data and metadata standards in accordance with national and international guidelines (e.g., FAIR, Open Science)

- Strategic development and continuous refinement of a cluster-wide Data Policy, including the research-based derivation of binding standards for data organisation, documentation, and legal and ethical compliance
- Scientific-analytical evaluation of existing RDM practices and development of sustainable structural and implementation strategies
- Professional advisory support to the cluster management as well as coordination and scientific consultation of the six Responsible Aim Programmes (RAPs) in the methodological design and continuous refinement of their Data Management Plans (DMPs)
- Design and delivery of research-based training and qualification formats in RDM, systematically integrating change management approaches
- Serve as a central interface between researchers, TUD service units, and internal and external infrastructure partners

Requirements

- A university degree (Master's or equivalent) in Information Science, Data Science, or a related natural or engineering discipline with a strong focus on Information or Data Science
- Relevant experience in research data management, preferably in an interdisciplinary or data-intensive environment
- Experience in developing and implementing concepts, policies, or strategies in the field of data management and/or research infrastructures
- Confident handling of heterogeneous data formats (e.g. measurement and simulation data, text and tabular formats, CAD files, code) as well as databases and metadata schemes
- Knowledge of programming languages (e.g., Python) and data analysis environments (e.g., Origin)
- Experience working with diverse stakeholders (researchers, service and infrastructure units, external partners)
- A structured, independent, and conceptually strategic working style
- Very good written and spoken German and English

What we offer

- a varied role with scope for creativity
- collaboration in a dynamic, interdisciplinary team
- flexible working hours with the option of mobile working
- a job ticket for public transport

Application

TUD strives to employ more women in academia and research. We therefore expressly encourage women to apply. The University is a family-friendly university. 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 (motivation letter, CV, and copies of degree certificates in English) by

April 10 2026 (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 rec2@tu-dresden.de with the reference "REC² Data Manager, last name" or to:

TU Dresden, EXC REC², Prof. Dr. Yana Vaynzof, 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.

TUD is a founding partner in the DRESDEN-concept alliance.

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>.

More information at <https://stellenticket.de/202531/TUBS/>
Offer visible until 10/04/26

