

Faculty of Mathematics and Natural Sciences

Research Data Manager (f/m/d) for Astronomical Data

Institute for Astrophysics | I. Physik Institut

The University of Cologne is one of the largest and most research-intensive universities in Germany, offering a wide range of subjects. With its six faculties and its interfaculty centres, it offers a broad spectrum of scientific disciplines and internationally outstanding profile areas, supported by the administration with its services.

The I. Physics Institute and the Regional Computing Center Cologne are both partners in the new, interdisciplinary cluster "Big Bang to Big Data" (B3D) consisting of a group of eight universities and research institutes in NRW (<https://b3d.nrw>). The cluster unites research, technology, and education in the field of data-intensive radio astronomy (e.g. with ALMA, APEX, Effelsberg, FYST/CCAT-prime, LOFAR, MeerKAT, SKA, and SOFIA), bringing together astronomy and astrophysics with data science and data technology. We are also collaborating with a number of industrial partners.

YOUR TASKS

- » Support and actively contribute to future third-party funding applications with RDM expertise
- » Provide CCAT-prime and SOFIA data to the project partners for testing Big Data Analytics tools
- » Coordination of and close collaboration with the data managers (data stewards, software developers, data architects and data curators) for the adaption and realisation of RDM guidelines in the individual B3D projects
- » Cooperate with other B3D members for the communication of RDM measurements, training of researchers and Open-science awareness activities
- » Participation in B3D academic events, e.g. scientific seminars and workshops, as well as in inter-disciplinary consortia, and related FDM networks
- » In common agreement with the B3D partner institutions, conception and design of general guidelines for research data handling in the consortium: data policies, data governance frameworks and data-management plans
- » In close collaboration with the individual teams, conception and outline guidelines for quality assurance of research data and data-processes
- » Evaluation of compliance to FAIR principles in the different research products (data, software, procedures) and correspondingly conception and execution of monitoring and improvement plans in collaboration with data managers

YOUR PROFILE

- » You hold a degree (PhD or comparable) in physics / astrophysics / astronomy / computer science or comparable
- » Ideally you have experience in scientific proposal writing

- » You have a high interest in the research-data management and open-science (knowledge or experience with Metadata standards, data publication and sharing, and IT solutions for RDM is desirable)
- » You bring analytical thinking, an independent, systematic and constructive working style, and very good communication skills
- » You like to work in a team

WE OFFER YOU

- » An attractive networking position in a new and close collaboration with eight other universities and research institutes
- » A diverse and fair environment in a functioning working group
- » Support in reconciling work and family life
- » Flexible working time models
- » Extensive advanced training opportunities
- » Occupational health management offers
- » Local transport ticket at a discount for UoC employees

The position is available immediately on a part-time basis (19,92 hours per week) and it is limited to 31.10.2024. If the applicant meets the relevant salary requirements and personal qualifications, the salary is based on remuneration group TVL-13 of the pay scale for the German public sector.

The University of Cologne is committed to equal opportunities and diversity. Women are especially encouraged to apply and will be considered preferentially in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We also expressly welcome applications from people with disabilities / special needs or of equal status.

Please apply online at: <https://jobportal.uni-koeln.de> with proof of the required qualifications. The reference number is TUV2112-14. The application deadline is 10.02.2022.

For questions please contact b3dapplication@ph1.uni-koeln.de.