

Helmholtz-Zentrum Dresden-Rossendorf e.V.



With cutting-edge research in the fields of ENERGY, HEALTH and MATTER, around 1,500 employees from more than 70 nations at Helmholtz-Zentrum Dresden-Rossendorf (HZDR) are committed to mastering the great challenges facing society today. The Institute for Ion Beam Physics and

Materials Research conducts basic and applied research for a wide range of topics, including the detection of the smallest traces of radionuclides for applications in geology, in nuclear astrophysics and in environmental science. The Department of Accelerator Mass Spectrometry and Isotope Research is expanding its research portfolio with new AMS capabilities. It is looking for a

Researcher (f/m/d)/ PostDoc (f/m/d) in Accelerator Mass Spectrometry (AMS) with focus on sample preparation and cosmogenic radionuclides

City: Dresden; Starting date (earliest): 01/01/26; Remuneration: TVöD-Bund; Reference number: 2025/112; Closing date: 30/09/25

Working field

- Sample preparation of Be-10, Al-26 or Cl-36 AMS samples
- Supervision of laboratories for cosmogenic radionuclides
- Dedicated research in geological applications
- Further development of new isotope separation methods for AMS applications

Requirements

- Completed PhD in chemistry, geology, physics or related areas
- Experience in sample preparation of cosmogenic radionuclides for accelerator mass spectrometry
- Proven knowledge in geological research areas

What we offer

- A vibrant research community in an open, diverse and international work environment
- Scientific excellence and extensive professional networking opportunities
- Salary and social benefits in accordance with the collective agreement for the public sector (TVöD-Bund) including 30 days of paid holiday leave, company pension scheme (VBL)
- We support a good work-life balance with the possibility of part-time employment, mobile working and flexible working hours
- Numerous company health management offerings
- Employee discounts with well-known providers via the platform Corporate Benefits
- An employer subsidy for the "Deutschland-Ticket Jobticket"

Application

We look forward to receiving your application documents (including cover letter, CV, diplomas/transcripts, etc.), which you can submit via our online-application-system:
<https://www.hzdr.de/db/Cms?pNid=490&pLang=en&pOid=75547>

More information at <https://stellenticket.de/197696/TUBS/>
Offer visible until 30/09/25

