



Reference number 85/2024

## **11 doctoral researchers (m/f/d) for the DFG-funded Research Training Group 2721: “Hydrogen Isotopes $^{1,2,3}\text{H}$ ”**

Founded in 1409, Leipzig University is one of Germany’s largest universities and a leader in research and medical training. With around 30,000 students and more than 5000 members of staff across 14 faculties, it is at the heart of the vibrant and outward-looking city of Leipzig. Leipzig University offers an innovative and international working environment as well as an exciting range of career opportunities in research, teaching, knowledge and technology transfer, infrastructure and administration.

The DFG-funded Research Training Group (RTG) 2721: “Hydrogen Isotopes,  $^{1,2,3}\text{H}$ ” seeks to fill the above positions from 1 October 2024. RTG 2721 is a consortium at Leipzig University, the Helmholtz-Zentrum Dresden-Rossendorf / Research Site Leipzig (HZDR/RSL) and the Leibniz Institute of Surface Engineering (IOM). It spans the fields of analytical, inorganic, organic, physical, and theoretical chemistry, chemical technology and physics. The RTG’s central goal is training tomorrow’s workforce in emerging technologies that exploit the unique properties of the hydrogen isotopes,  $^{1,2,3}\text{H}$ , in order to contribute to revolutionising drug design strategies, converting radioactive waste into precious materials, and, in the long run, a CO<sub>2</sub>-emission-free energy supply for the planet. More information can be found on the RTG’s website: <https://www.uni-leipzig.de/123h/job-announcements>

### **About the position**

- Fixed term from 1 October 2024 until 30 September 2027
- 67 % of a full-time position
- Planned remuneration: salary group E13 TV-L (Leipzig University)
- Salary conditions, travel and mobility allowances, and benefits are subject to the attractive DFG guidelines for doctoral researchers in the RTG 2721 call.

### **Duties**

- Conducting research and writing a doctoral thesis in a group associated with the RTG
- Writing and publishing scientific papers in peer-reviewed journals
- Presenting your own research at conferences and workshops
- Regular participation in, active contribution to and organisation of activities as part of the structured qualification programme.

### **Requirements**

- Master’s degree (or equivalent) in chemistry, physics, materials science or related areas with excellent grades
- Advanced written and fluent oral communication skills in English
- Strong interest in contributing to the diverse  $^{1,2,3}\text{H}$  research community in an interdisciplinary, multinational research environment
- Identification with the RTG’s core values, namely excellence in research and qualification as well as scientific integrity.

### **What we offer**

- Cutting-edge doctoral research projects in the field of hydrogen isotope research
- A modern and international working environment in one of Germany’s most vibrant and fastest-growing cities
- An extended research stay at one of the international partner institutions
- A dedicated supervision concept, including a supervision agreement, a personal development plan, and a research data management plan, as part of a dual mentoring strategy
- Target-oriented, individualised training and career advancement strategies
- Flexible working hours and a family-friendly environment.

Please send your application with the usual documents – including

- your CV,
- a one-page letter of motivation stating your reasons for joining this RTG to obtain a doctorate, which of the 14 research projects you are most interested in and why,
- your master's (or equivalent) certificate with grades in German or English,
- and contact details of two referees

– quoting **reference number 85/2024**, as a single PDF file to [123H@uni-leipzig.de](mailto:123H@uni-leipzig.de) by 27 June 2024. Please note that it is not possible to guarantee confidentiality and rule out unauthorised access by third parties when communicating by unencrypted email. Alternatively, you can send all documents via mail to

**Universität Leipzig**  
**Fakultät für Chemie und Mineralogie**  
**GRK 2721 / Dr. Toshiki Wulf**  
**Johannisallee 29**  
**04103 Leipzig.**

We kindly request that you submit copies only, as we are unable to return application documents.

Interviews are expected to take place between 4 and 19 July 2024. Interview expenses will not be reimbursed.

Leipzig University aims to increase the proportion of women in positions of responsibility and therefore expressly invites qualified women to apply. Severely disabled persons – or persons deemed legally equal to them under Book IX of the German Social Code – are encouraged to apply and will be given preference in the case of equal suitability.

### ***Privacy information***

*If you choose to apply and send us your documents, you do so voluntarily. Any personal data contained within your application documents, or obtained during an interview, will be processed by Leipzig University – as the advertiser of the position – exclusively for the purposes of the selection process for the position advertised. It will not be passed on to third parties without your consent in the individual case. The legal basis for such data processing is Sect. 11(1) of the Saxon Data Protection Implementation Act (SächsDSDG) in conjunction with the EU General Data Protection Regulation (GDPR). The controller for the application process within the meaning of the GDPR is the addressee of the application, specified in the advertisement. Your personal data will be stored for six months after the end of the recruitment process and then erased or destroyed in accordance with data protection regulations. You may refuse or withdraw your consent with effect for the future without giving reasons. In these cases, Leipzig University will not or no longer be able to process and consider your application. Under the GDPR, subject to the relevant statutory requirements you have the following rights vis-à-vis the addressee of the application with regard to your personal data: right of access (Art. 15 GDPR); right to rectification of inaccurate personal data (Art. 16 GDPR); right to erasure (Art. 17 GDPR); right to restriction of processing (Art. 18 GDPR); and right to object to processing (Art. 21 GDPR). If you have any questions, please contact the Data Protection Officer at Leipzig University (office: Augustusplatz 10, 04109 Leipzig). You also have the right to lodge a complaint with the Saxon Commissioner for Data Protection.*