



Technische Universität Berlin



Technische Universität Berlin offers an open position:

Research Associate – salary grade E13 TV-L Berliner Hochschulen

Part-time employment may be possible

Faculty II - Institute of Chemistry - Technical Chemistry

Reference number: II-303/25 (starting at the earliest possible / limited until 30/11/2026 / closing date for applications 15/08/25)

Working field:

- Participation in a research project funded by collaboration between the German Federal Ministry of Education and Research (BMBF) and the Italian Ministry of Foreign Affairs and International Cooperation (MAECI) and the Italian Ministry of University and Research (MUR) in the field of electrocatalytic water splitting using an anion exchange membrane (focus electrolyser single cell testing in different electrolytes, including pure water feed, and membrane electrode assembly development)
- Independent and scientific work in the field of electrochemistry, electrocatalysis, catalyst synthesis and catalyst characterization

Requirements:

- Successfully completed scientific university degree (Master, Diploma or equivalent) and a PhD with an excellent track record in chemical engineering, chemistry, physics or similar
- Proven knowledge in the field of electrochemical characterization and electrode fabrication
- Specialized knowledge in the field of electrochemistry and impedance spectroscopy
- Experience and knowledge in the topic of electrocatalytic production of green hydrogen by electrolysis (focus AEM electrolyzers with pure water and catalyst-ionomer interaction)
- Detailed knowledge about the following software: OriginLab
- Good knowledge of German and/or English required; willingness to acquire the respective missing language skills
- Very good ability to work in a team is desired
- Experience in electrocatalyst synthesis with focus on metal oxides is an advantage
- Experience in the field of electrolyser cell measurements is an advantage
- Experience in MEA fabrication and optimization is an advantage
- Knowledge about the following methods: electrolyser single cell testing, RDE, XRD, ICP-OES/MS, SEM, TEM, EIS are desirable

Please send your application **with the reference number** and the usual documents to by email to Prof. Dr. Strasser pstrasser@tu-berlin.de.

By submitting your application via email you consent to having your data electronically processed and saved. Please note that we do not provide a guarantee for the protection of your personal data when submitted as unprotected file. Please find our data protection notice acc. DSGVO (General Data Protection Regulation) at the TU staff department homepage: https://www.abt2-t.tu-berlin.de/menue/themen_a_z/datenschutzerklaerung/.

To ensure equal opportunities between women and men, applications by women with the required qualifications are explicitly desired. Qualified individuals with disabilities will be favored. The TU Berlin values the diversity of its members and is committed to the goals of equal opportunities. Applications from people of all nationalities and with a migration background are very welcome.

The vacancy is also available on the internet at <https://www.personalabteilung.tu-berlin.de/menue/jobs/>

