



Technische Universität Berlin



Technische Universität Berlin offers an open position:

Research Assistant – 0.67 working-time - salary grade E13 TV-L Berliner Hochschulen
There is the possibility of a doctorate.

Fakultät II – Institut für Chemie – Technische Chemie / Elektrokatalyse – Materialien

Reference number: II-63/25 (starting at the earliest possible / limited until 30/11/2027 / closing date for applications 07/03/25)

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 and membrane electrode assembly development)
- Independent and scientific work in the field of electrochemistry, electrocatalysis, catalyst synthesis and catalyst characterization

Requirements:

- Successfully completed university degree (Master, Diplom or equivalent) 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 electrolysers)
- Detailed knowledge about the following software: OriginLab
- Good knowledge of German and/or English required; willingness to acquire the respective missing language skills.

Desired qualifications:

- Experience in electrocatalyst synthesis with focus on metal oxides
- Experience in the field of electrolyzer cell measurements
- Experience in MEA fabrication and optimization (inclusive CCM and CCS coatings)
- Knowledge about the following methods: electrolyser single cell testing, RDE, XRD, ICP-OES/MS, SEM, TEM, EIS
- Very good ability to work in a team

We offer:

- A varying job within an international university
- Cooperation with other research facilities and industry
- A modern workspace in Berlin
- International renowned and motivated team
- A nice working atmosphere

Please send your application with the **reference number** and the usual documents (combined in a single pdf file, max 5 MB) **only by email** 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.

Technische Universität Berlin - Die Präsidentin - Fakultät II, Institut für Chemie - Technische Chemie / Elektrokatalyse - Materialien , Prof. Dr. P. Strasser, Sekr. TC 3, Straße des 17. Juni 124, 10623 Berlin

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

