



**Technische Universität Berlin**



Technische Universität Berlin offers an open position:

### **Research Associate (PostDoc) – salary grade E13 TV-L Berliner Hochschulen**

Part-time employment may be possible; under the reserve that funds are granted

#### **Faculty II - Institute of Chemistry - Department of Technical Chemistry**

**Reference number:** II-520/24 (starting at the earliest possible / limited until 30/09/2025 / closing date for applications 18/10/24)

#### **Working field:**

Participation in a research project on the electrochemical splitting of Water. The position also includes a commitment to supporting project coordination and project results presentation. The goal of the research is to obtain highly active and long-term stable bifunctional steel-based electrodes. The position is financed 100% by a BMBF-funded project dealing with the combination of storing renewable electricity (batterie) as well as the conversion of renewable energy to energy storage molecules like hydrogen (electrolysis).

#### **Requirements:**

- Successfully completed scientific university degree (Master's, Diploma or equivalent) and PhD thesis in the area of alkaline water splitting
- Research experience in the design and synthesis of HER and OER catalysts
- Knowledge in the design and solvothermal synthesis of electrocatalysts for the Hydrogen and Oxygen Evolution Reaction (HER and OER)
- Experience with electroplating and Atomic Layer Deposition (ALS) techniques, and advanced skills in catalyst characterization are needed
- Good knowledge of German and/or English required; willingness to acquire the respective missing language skills

#### **Desirable:**

- The position is suited for a self-driven individual who is capable of conducting demanding research projects independently

Please send your application **with the reference number** and the usual documents (in particular letter of motivation, CV, copies of important degrees such as PhD and Master, summary of the PhD thesis, list of records and publication list) by e-mail to [pstrasser@tu-berlin.de](mailto: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/](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.

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/>

