



## **PhD-position in electrocatalysis**

**Location:** TU Wien, Institute of applied Physics, Vienna, Austria

**Group:** pichlerlab.eu

**Starting date:** from June/July 2026

**Contract type:** 3 years, 2700€/month

We are looking for a motivated PhD candidate for an exciting project in the field of electrocatalysis. The project goal is to optimize a catalytic process converting waste substrates (solid and gaseous) into chemical intermediates. The project includes surface analysis and spectroscopic studies, to establish structure-performance relations for the catalysts

Tasks include:

- Performing electrocatalytic experiments and electrochemical diagnostics (CV, Impedance etc.)
- Analysis of catalytic materials (high vacuum techniques XPS, LEIS) or spectroscopy (Raman, IR)

The candidate must have experience in the fields of electrocatalysis and surface science.

Further experience in analytic techniques such as Raman (incl. in situ spectroscopy) and high vacuum techniques (XPS) are an additional advantage.

High intrinsic motivation and ambition towards scientific excellence are prerequisites.

### **What you will get:**

- 1) Hands on experience in the highly relevant and dynamic field of electrocatalysis
- 2) Join an international and interdisciplinary team combining physicists, chemists and engineers
- 3) Collaboration with innovative industrial partners and leading researchers all over Europe

### **Formal Qualification:**

Master's degree in physics or chemistry

**Contact:** Christian Pichler, [pichlerc@iap.tuwien.ac.at](mailto:pichlerc@iap.tuwien.ac.at) (please send CV and short motivation letter to this e-mail, shortlisted candidates will be contacted for interviews)