

**Are you interested in future technologies for the energy transition? Help us with the development from the first technical drawing to series production.**

As one of the largest independent research institutes in the field of hydrogen and fuel cell technology in Germany, we stand for application-oriented research and development topics in close cooperation with industry and are now looking for a

### **Student Assistant (m/w/d)**

for support in the area of catalysts for PEM water electrolysis

You will help us to develop synthesis methods. Your work will mainly involve practical work in the laboratory. You will use various chemical methods to produce catalysts for proton exchange membrane electrolysis cells. You will then characterize the catalysts physically and electrochemically.

#### **Your tasks**

- Material synthesis
- Material characterization
- Coating of membranes
- Fabrication of electrolysis cells
- Support data collection, analysis, and interpretation

#### **Your profile**

- You are currently studying chemistry or a related field (Material Science, Chemical Engineering) with a strong interest in catalyst synthesis and electrochemistry You are interested in the development of components for electrolysis
- You have a basic understanding of laboratory techniques and procedures
- You work independently and in a structured manner
- You effectively communicate and present scientific results
- You are a strong team player with a collaborative mindset

#### **We offer**

- Exciting and challenging activities in relevant future technologies
- A deep insight into the scientific way of working
- Open corporate culture: collegial environment, short communication channels, open-door policy
- A convenient location with excellent accessibility by bike, car and public transport
- Salary based on the TV-L
- Flexible working hours (compatible with your studies)
- The opportunity to write a Bachelor's and/or Master's thesis

If you have any questions about this advertised position, please contact Sebastian Hirt (0203-7598-4285).

You want to develop future technologies? We look forward to receiving your application.

Apply now using the following link: <https://www.interamt.de/koop/app/stelle?id=1126279>

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