

Graz University of Technology
Institute of Chemical Engineering and Environmental Technology
Working Group Fuel Cell and Hydrogen

The **Working Group Fuel Cell and Hydrogen** at Graz University of Technology is an internationally recognized research group with over 20 years of expertise in national and transnational research projects. The fundamental and industry-related research focuses on material and catalyst development as well as testing methods for low-temperature fuel cells and electrolyzers and novel, sustainable hydrogen technologies.

To expand our scientific team in a new research project we are searching for a

University project assistant (PhD position)

for 40 hours per week starting in early 2023.

Your field of activity:

- Development, preparation and testing of hydrogen production and storage technologies
- Development and testing of application-based stress tests for electrolysis cells and metal hydride tanks
- Development of new approaches for electrochemical and chemical characterisation of electrolyzers and metal hydrides
- Support in project management
- Authoring and publishing of scientific articles in high-quality peer-reviewed journals

Your profile:

- Master's degree in chemistry, chemical engineering, physics or equivalent
- Knowledge in electrochemistry, chemical thermodynamics and chemistry
- General interest in the area of novel, sustainable energy technologies
- Commitment, flexibility and reliability
- Organizational talent, communication skills and good appearance
- Fluent in English
- Excellent knowledge in Matlab (or similar), MS-Office

We offer:

- Exciting work in an emerging field of research
- Over 20 years of expertise on scientific research in the field of fuel cell technologies
- Excellent working atmosphere among young and motivated researchers and pleasant working environment
- Excellent lab infrastructure and hands-on-experience in practical applications

The minimum monthly salary for this position is € 3,058,60 gross (14x p.a., classification B1 according to the collective agreement for university employees) and may be increased based on collective agreement regulations through crediting of job-specific experience or other remuneration components.

Please send your comprehensive application documents and any queries to:

Ass.Prof. Merit Bodner

Inffeldgasse 25/C, A-8010 Graz

merit.bodner@tugraz.at, +43 (316) 873 - 4977