

24J020 – Student assistant for the ENERMAT laboratory

Are you interested in working in a research laboratory?

The European Institute for Energy Research EDF-KIT EWIV (EIFER) is looking for a

Student assistant (f/m/d)

in the research group “Low carbon hydrogen Systems”.

The European Institute for Energy Research was founded by EDF and the KIT in 2002 aiming at enhancing collaboration through joint projects applied to industrial issues and utilities’ needs. With its applied research orientation EIFER is bridging the gap between science and industry for more than 20 years. In the context of the European energy transition, EIFER provides research-based innovative energy solutions for the sustainable development of cities and communities, economic activities, and territories.

Since years, EDF via EIFER deeply extended its experimental activities in research and development on non-carbon energy technologies and improved its facilities towards digitalisation.

The assigned main tasks involve

- The implementation of a LabVIEW interface for a new testing facility
- The improvement of test benches (software and hardware)

The list of complementary activities is not exhaustive. The activities to be performed by the student assistant will be regularly updated by the head of the laboratory and team according to the running projects and current priorities, and may involve:

- Electrochemical measurements and data treatment/analysis
- Update of the archiving (database) and reporting process
- Support for maintenance, safety and organization of the laboratory

Required qualifications / skills / interests

The position is aiming to Bachelor- or Master-students in IT, with

- Background on interfacing computer / lab devices, LabVIEW
- Ability to work in autonomy and to organize own work with minimal supervision
- Ability to write/communicate in English and either French/German highly desirable
- Discipline and regard for confidentiality, security and safety at all times
- Knowledge on chemical engineering, solid state chemistry, material science appreciated

What you can expect

- A stimulating, multicultural and multidisciplinary environment
- An institute at the intersection between academic research and one of the largest energy utilities in Europe

Conditions

- Duration: about one year
- Starting date: as soon as possible
- Location: KIT-ITCP, Engesserstrasse 20, 76131 Karlsruhe
- Working hours: about 40 hours per month
- Monthly compensation: 550€ basis, hourly rate depending on the student's education level

Contact

If you want to join a highly motivated research group, please click [APPLY NOW.](#)

For additional information concerning the work please contact: julian.dailly@eifer.org