Become a member of the Saarland University of Applied Sciences family. We are one of the most research-oriented universities of applied sciences in Germany with a strong entrepreneurial spirit. With our active university partnerships around the world and twelve Franco-German degree programs, we are both Francophile and internationally oriented. Our university currently has over 6,000 students and is located in the heart of Saarland’s capital city, Saarbrücken. Enjoy the benefits of a dynamic and lively border region with an exceptionally high quality of life. Join us in providing the next generation of specialists and managers with the best possible education and preparing them for the challenges of the future.

The Engineering Department has a vacancy for the following position to be filled at the earliest possible date:

**Junior professorship (m/f/d), non-tenure track, for Applied Hydrogen Technology**

→ **Your profile**

- Relevant experience in the field of hydrogen research, demonstrated by an outstanding doctoral degree
- Sound scientific knowledge in at least one of the following areas:
  - Hydrogen production through electrolysis
  - Process engineering principles for charging, discharging and storing hydrogen
  - Transportation and distribution of hydrogen
  - Fuel cell development for mobile or stationary applications
  - Hydrogen in the use of combustion engines
- Knowledge regarding the integration and use of hydrogen in future energy systems is desirable
- Proof of international contacts and experience is an advantage

→ **Your tasks**

- Teaching the respective courses from the field of hydrogen technology.
- Working part-time in cooperation with HYDAC New Technologies at its Sulzbach location. During this phase, the aim is to initiate joint development and research projects.
- In addition to interdisciplinary cooperation, applying innovative forms of teaching and learning in higher education, commitment to applied research in this field and the establishment of a research network are desirable.
- Planning and developing a research lab on applied hydrogen technology.
- Willingness to actively acquire third-party funding.
- Offering English-language lectures.
- On-site presence at the university in order to provide optimal support for students.

FutureProf@htw saar

Your future career
Junior professorship:

Within the framework of a junior professorship under the federal-state program "FH Person", applicants will acquire the skills they need for an appointment to a regular professorship at universities of applied sciences.

We offer a part-time employment contract (50%) at the htw saar. Your salary will be in pay group E 13 TV-L. The junior professorship is designed to last from one to a maximum of three years in tandem with work in the industry. In order to complete your qualification for an appointment, you will therefore carry out paid practical work with a professional practice partner outside the university in addition to your teaching and research activities at the htw saar. To round off your knowledge, you will participate in a qualification program at the htw saar.
Your qualifications (according to the Saarland Higher Education Act SHSG)

- A university degree
- Teaching skills
- A special aptitude for scientific work, as demonstrated, as a rule, by the outstanding quality of a doctorate, and
- Special achievements in the application or development of scientific knowledge and methods gained during at least two years of professional practice in a field corresponding to the subject to be represented
- Fluency in German and English, proficiency in French is an advantage

Your benefits

- Application-oriented Entrepreneurial spirit
- Opportunity for professional fulfilment in your field of expertise
- Above-average third-party funding
- Support for young scholars
- Lively border region
- Family friendliness e.g. on-campus childcare

What we offer

- Support for your further qualifications
- Practical relevance, "research-based teaching" and support throughout your professional development
- Didactic-methodical teaching and research approaches
- Initial funding for your research projects
- A research and transfer organization that promotes contacts with the industry, as well as social institutions and the implementation of projects

Our location

[Map showing locations like Luxembourg, Frankfurt, Saarbrücken, and FRA (Paris), with distances marked as 3.5 hrs to Brussels, 2 hrs to Paris, and a note that Saarbrücken is located in Germany.]