

Project Manager / Postdoc (m/f/d)

Digi-HyPro – Digitized hydrogen process chain for the energy transition

Reference code: 50074030_2 – 2021/WT 2

Start: as soon as possible, full-time until December 31, 2024

Place of work: Geesthacht (near Hamburg), Germany

Application deadline: February 28, 2022

At the Institute of Hydrogen Technology, the development of an energy transformation unit for coupling the gas, electricity and mobility sectors, including a digital twin, is being developed as part of the joint research project "Digi-HyPro – Digitized hydrogen process chain for the energy transition" coordinated by the Helmut Schmidt University / University of the Federal Armed Forces in Hamburg. In the project, the interaction with the electrolyser, fuel cell, gas network and gas consumer is to be analyzed and optimized through comprehensive system simulations in order to be able to optimally coordinate the components.

Equal opportunities are an important part of our personnel policy. We would therefore like to explicitly encourage qualified women to apply. The advertised position is to be filled on a full-time basis.

Your tasks

Your main task is to manage the Digi-HyPro project through communication and representation internally and externally. In order to manage the project, you are responsible for organizing the technical progress of the project and for the achievement of goals and the targeted use of the project budget. You are also being expected to supervise doctoral students, students and interns as part of the project and to publish the results in scientific publications.

Your Profile

You have completed a university degree (diploma or master's degree) and ideally a doctorate in the field of mechanical engineering, process engineering, energy technology, materials technology or comparable with "very good" and have extensive knowledge in the field of hydrogen technology and initial experience in project lead and management. In addition, you have an independent, well structured and organized way of working a high degree of ability to work in an interdisciplinary team of scientists and engineers and are fluent in spoken and written German and English.

We are offering

- an exciting area of responsibility in a research center with more than 1,100 employees from around 50 nations
- Tariff benefits based on the TVöD
- Outstanding technical infrastructure and modern workplace equipment
- Diverse opportunities for further training
- flexible working time models and the possibility of mobile work
- Free Employee Assistance Program (EAP)
- Childcare offerings
- Canteen at the Geesthacht site

Severely handicapped persons and persons with equal handicaps are given preferential treatment within the framework of the statutory provisions if they are equally qualified.



Have we raised your interest?

We are looking forward to receiving your complete application documents (cover letter, CV, references, certificates, etc.) stating the reference number 2021/WT 2 by February 28th, 2022, using the following web link:

<https://jobs.hereon.de/sap/bc/erecruiting/applwzd?PARAM=cG9zdF9pbnN0X2d1aWQ9MDA1MDU2QTU2RTMzMUVFQ0ExQUY5QzVBQzg3M0MyRjMmY2FuZF90eXBIPQ%3d%3d&sap-client=002>

or sending your application to:

Prof. Dr. Julian Jepsen, julian.jepsen@hereon.de, direct dial +49 (4152) 87 2602.

Helmholtz-Zentrum Hereon

The Helmholtz Centre Hereon conducts cutting-edge international research for a changing world: Around 1,100 employees make their contribution to overcoming climate change, the sustainable use of the world's coastal systems and a resource-friendly increase in the quality of life. From basic understanding to practical application, the interdisciplinary research spectrum covers a unique spectrum.

Institute of Hydrogen Technology

The focus of the institute of hydrogen technology and of photoelectrochemistry is hydrogen, an essential building block for the energy transition. Optimum generation, transport and storage of the hydrogen are essential for this. The researchers deal with system design of mobile hydrogen storage systems, infrastructure for stationary energy systems, green hydrogen through photoelectrochemistry and material design.

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