

## Research Associate (f/m/d) in the research group “Fuel Cell”

### ➤ Our profile

We at the “Production Engineering of E-Mobility Components” (PEM) chair of RWTH Aachen University research and develop product and production innovations that enable the manufacture of electrified drivetrains and their individual components in a cost-effective and sustainable manner. Together with our partners from industry and research, we develop solutions for the mobility of the future – from the initial idea to industrial application.

### ➤ Research group “Fuel Cell” (FC)

PEM’s research group “Fuel Cell” contributes to the economic, variant-flexible, future-oriented and sustainable production of fuel cells as well as to the vehicle integration and the production of fuel cell vehicles. From the implementation of strategic consulting projects to the investigation of specific, technical issues from laboratory scale to series production, the team is dedicated to almost every topic in the field of hydrogen-based mobility.

### ➤ The environment

You will work closely with executives and employees of leading OEMs, automotive suppliers, machine and plant manufacturers as well as with other renowned industrial partners in multiple, challenging subject areas. The scientific work together with other research institutions enables you to pursue your own dissertation topic and to regularly publish your own work results. The combination of methodical work with an eye for the big picture and “technical deep drilling” offers our employees a unique environment for personal and professional development.

### ➤ Your profile

- ✓ You have a successfully completed university degree (Master or comparable) in the technical field (e.g. mechanical engineering, electrical engineering, industrial engineering).
- ✓ Ideally, you have already gained some practical experience in the field of consulting, development, production or electric mobility.
- ✓ You have the self-demand to develop new topics and you use creative freedom.
- ✓ You work in a structured and binding manner, you think creatively and pragmatically, you are curious and motivated to always learn something new.
- ✓ You have a high willingness to travel and you are flexible.
- ✓ You speak and write German and English fluently.

# YOUR JOB WITH US



Prof. Dr.-Ing. Achim Kampker MBA | Head of institute

## ➤ **Your tasks**

- ✓ You play a decisive role in shaping projects with industry partners from acquisition through planning to execution (e.g. in technology screening, production planning, and strategy development in the field of electric mobility).
- ✓ You investigate exciting issues in the fields of “fuel cell production and integration” (MEA manufacturing, system design and assembly, application-oriented vehicle integration).
- ✓ You develop guidelines for the hydrogen-powered mobility of the future within the framework of research and industrial projects.
- ✓ You supervise students in their final theses and you conduct courses.
- ✓ You are given budget and management responsibility at an early stage and you can shape topics on your own responsibility.

## ➤ **We give you...**

- ✓ room for personal development and shaping of own topics and ideas in the field of production of electric vehicle components;
- ✓ an environment where ambitious colleagues work towards a common goal: making the world more sustainable;
- ✓ the establishment and continuous development of your own network – in one of the most important subject areas of our time.

## ➤ **Our offer**

The position will be filled on an employee basis. The position is to be filled as soon as possible and is limited to three years. An extension of at least one year is planned. The temporary employment takes place within the framework of the fixed-term possibilities of the “Wissenschaftszeitvertragsgesetz”. The position is full-time. There is the possibility of a doctorate. The grading is based on the TV-L. The position is rated EG 13 TV-L.

## ➤ **About RWTH Aachen University**

RWTH Aachen University is certified as a family-friendly university and offers numerous health, counseling and prevention services (e.g. university sports) as part of its university health management program. In addition to an extensive continuing education program, a job ticket is also offered. The job advertisement is addressed to all genders. In the interest of equal treatment, we ask that you refrain from submitting an application photo. Information on the collection of personal data in accordance with Articles 13 and 14 of the General Data Protection Regulation (DSGVO) can be found on the Internet at the following link (*German*):

<https://www.rwth-aachen.de/dsgvo-information-bewerbung>