


APPLY NOW

## VIRTUAL VEHICLE

The position focuses on gas analysis in battery failure scenarios.

We are **currently** looking for a

# Junior/Senior Researcher Battery Safety (w/m/d)

Graz, Full-time employee

## Your Tasks

- Contribute to national and international research and industry projects in the field of battery safety
- Perform gas analyses for a variety of battery failure scenarios in applications such as electromobility, aerospace, maritime and residential energy storage, covering different cell chemistries and formats
- Carry out hands-on work in our BattCave safety laboratory and dedicated gas laboratory, including evaluating and analysing measurement data
- Develop new measurement methods and further enhance test rigs, for example by setting up UV-Vis spectrometers, mass spectrometers and new temperature measurement technology
- For senior candidates: Lead research projects in battery safety, gas analysis and gas sensing, and prepare proposals for customers

## Your Profile

- Enthusiasm for battery technologies and battery safety
- Completed technical education (HTL or equivalent) or bachelor’s or master’s degree (preferably in chemistry or physics)
- Interest in gas analysis, ideally with some relevant prior knowledge
- Independent, structured and goal-oriented approach to work
- Proactive attitude and enjoyment of teamwork
- Very good German and English skills
- Reliability, initiative and strong motivation
- Eagerness to learn and develop professionally

## What's in it for You

- The opportunity to pursue a PhD while holding a permanent employment contract
- Varied responsibilities at an international research center with a strong focus on practical applications

  An interdisciplinary working environment with room to shape your work, short decision-making processes and a high degree of autonomy
- The option to work from home and flexible working hours
- Flat hierarchies, that foster responsibility and collaboration
- Individual professional development and training opportunities
- Welcome Day and structured mentoring program
- Sports and health activities, e.g. weekly yoga, company runs
- Company events
- A culture shaped by the diverse personalities, expertise and backgrounds of our employees

The minimum annual gross salary for this position, according to the Austrian IT Collective Agreement, start at **EUR 45,738 based on full-time employment (38.5 hours/week)**. Depending on qualifications and experience, we offer a competitive market-oriented salary and are willing to provide a higher salary accordingly. For part-time positions, compensation is calculated on a pro-rata basis according to the agreed working hours.

APPLY NOW and JOIN OUR TEAM

## Virtual Vehicle

**VIRTUAL VEHICLE** develops innovative solutions for future mobility - reliable simulation technologies, software-defined systems, and data-driven solutions. Our focus lies on the optimisation of test and validation processes in the automotive and rail industries - with an increasing focus on future-oriented

domains such as energy, maritime, defence and health tech. In close cooperation with industry, research and science, we bring new technologies into direct application.

With about 280 employees, we are not only a key driver of innovation, but also a place for brilliant minds who really want to make a difference.

## Contact

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