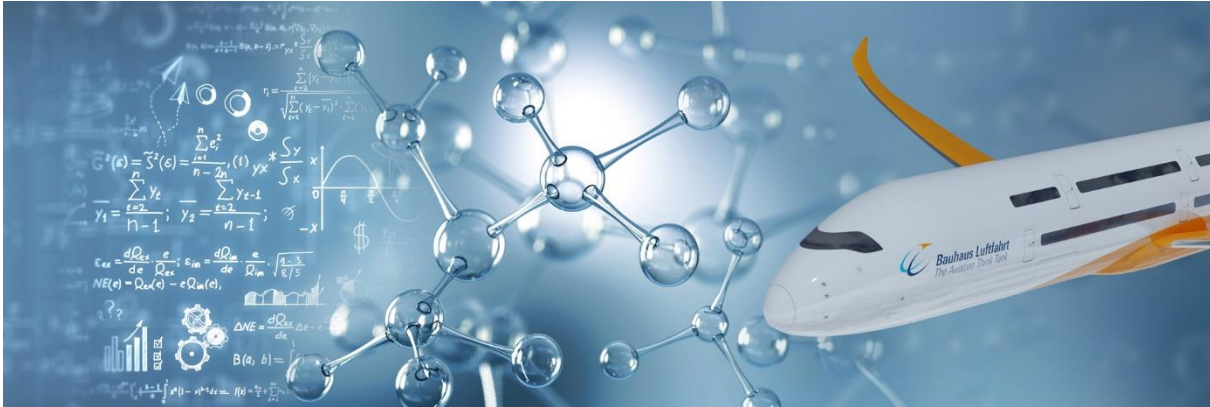


Join The Aviation Think Tank!



Have you ever wondered what tomorrow's air transport might look like? As the aviation think tank in Germany – consisting of young and ambitious experts from various disciplines – our goal is to provide science-based answers. Located in Taufkirchen near Munich, we offer a modern working environment with open ears and doors. We are always looking for passionate and creative minds to help us push today's boundaries to new heights. **Shape the future of aviation with us today and join us as:**

Research Scientists (m/f/d) on Technologies and Systems that enable Hydrogen Aircraft in the field of either Natural Sciences or Engineering

Our challenges:

- Hydrogen based aircraft require novel technologies from fundamental levels as materials or electro-chemistry to systems and their integration into the aircraft
- Bringing novel technologies together and making use of synergies does require multiple disciplines and their interdisciplinary effort
- In a joint effort, you will develop concepts for new energy systems based on batteries and/or fuel cells. This will address all relevant areas from energy storage and provisioning, through thermal management to the final propulsive power on aircraft level
- Assessing the potential of those novel concepts will also include life-cycle aspects with evaluation of ecological and techno-economic criteria as well as other performance indicators
- Evaluating their impact on climate change and possible mitigations options

What to expect:

- International team with a high qualification level
- Acknowledged research institution – with our feet on the ground and our thoughts in the air
- Interdisciplinary cooperation of engineers, natural and social scientists
- Modern working environment on the Ludwig Bölkow Campus in Taufkirchen near Munich
- A team-oriented working culture
- Flat hierarchies and short communication paths
- Challenging tasks
- Varied, creative activities
- Opportunities to enhance and widen competencies

We need you because:

- You have successfully completed your master and wish to obtain a PhD or you are a Post-Doc and want to gain know-how and extend your personal network
- You have gained experience in any area that will help to tackle the challenges at hand, being it material sciences or systems engineering
- Ideally you have already gained an insight in life-cycle assessment of novel technologies or systems
- You have excellent mathematical and analytical skills, good programming skills in Python and are willing to familiarise yourself with new topics and tools
- You are interested in target-oriented tasks, creative challenges, out-of-the-box thinking and in interdisciplinary team work
- You want to work in joint academic or industry projects
- You are proficient in German and English

What we offer:

- Attractive salary package according to the public tariff system plus performance-oriented compensation
- Company pension schemes
- For junior scientists: the opportunity to pursue a doctorate
- Professional training (in-house and/or external seminars)
- Work-life balance due to flexible working hours and home office option
- Subsidised canteen and modern internal cafeteria
- Occupational Health Management
- Company sports (gymnastics, football, running group)
- Car park and good accessibility by public transport

The position is to be filled immediately and initially fixed-term. As we wish to increase the share of women in the team, we would be particularly interested in receiving relevant applications. People with disabilities will be given priority in the case of equal qualifications.

We look forward to receiving your application!

✉ application@bauhaus-luftfahrt.net

Please indicate the reference number 24-1-14.

Do you have any questions?

Michaela Richter will be happy to help:

☎ +49 89 3074-84919

www.bauhaus-luftfahrt.net/en/career