

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 Scientist (m/f/d): Shaping Airports for a Climate-Neutral Air Transport System

in the field of Transport Economics, Transportation Systems or Industrial Engineering

Our challenges:

- Holistic assessment of the role of airports in the transition of aviation towards climate neutrality
- Understanding the technical specifications and concepts of hydrogen and electrical supply infrastructure at airports
- Estimation of infrastructure implementation costs for hydrogen and electric supply infrastructure (to and at airports)
- Modelling and assessment of the implications on airport and airline business models and cost structures
- Identification of new business options for airport operators
- Understanding the interplay of airport infrastructure adaptations on aircraft and airline operations efficiency
- Developing policies and implementation scenarios to pave the way for infrastructure investments and adaptations

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 are excited by our challenges and passionate to give scientific answers on technological, operational and economic aspects of energy supply at airports
- You have successfully completed your master degree and wish to obtain a PhD degree
- You are passionate about tackling complex problems by computational modelling and simulation
- You are interested in target-oriented tasks and in interdisciplinary team work
- Creativity, reliability, preciseness, and self-reliance are among your strengths
- You appreciate to work in joint academic or industry projects
- You are proficient in German or 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 23-1-12.

Do you have any questions?

Michaela Richter will be happy to help:

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www.bauhaus-luftfahrt.net/en/career