

The future of flying starts with us. And with you.

Re-think the way we fly. In an international think tank, at the highest professional level. With experts from various disciplines that come together in fascinating ways. Ready to always improve on the good, to think beyond the beaten path, constantly asking questions – and thereby challenge the pioneering spirit anew every day. In a young, modern working environment with open ears and doors.

That's who we are, Bauhaus Luftfahrt in Taufkirchen near Munich: around 50 colleagues whose work is backed by the four aviation companies, Airbus, IAGG, Liebherr-Aerospace and MTU Aero Engines as well as DLR and the Free State of Bavaria. We investigate the future of mobility, particularly the long-term development of aviation. In doing so, we take into account technical, economic, social and ecological aspects equally.

Our benefits package encompasses a family-friendly flexitime agreement, an attractive salary package in the public tariff system with company pension provision and a range of health programmes.



► Future Air Transport Network Researcher as scientific employee (m/f/d)

In the field of Operations Research, Mathematics, Aerospace Engineering or Business Administration

Your tasks:

- As a member of the interdisciplinary team "Economics & Transportation" you will conduct research on new operational concepts for aircraft to improve their economic performance and reduce their environmental impact through improved fleet planning and scheduling
- You will support research on future airline operating costs and fleet renewal incorporating novel system technologies powered by, e.g. e-fuels, batteries, or hydrogen
- In cooperation with other research and industrial partners, you will work on joint projects in the field of air transport networks and aircraft operations
- In an interdisciplinary team you will contribute your ideas as air transport network designer to internal projects

Your qualifications:

- You have successfully completed your studies in Operations Research, Mathematics, Aerospace Engineering or Business Administration
- You intend to obtain a PhD
- You have already earned experience in fleet planning/scheduling ideally in aviation
- You are passionate about modelling, simulating and optimising of transport networks
- You have knowledge of at least one programming language (C, Java, R, Python or OPL) and ideally, you have experience in versioning (e.g. GitHub)
- Creativity, reliability, preciseness, and self-reliance are among your strengths
- You are interested in target-oriented tasks and in working in an interdisciplinary team
- You are proficient in German and English

Please apply by August 1st 2022.

The position is initially fixed-term. We will support your academic development, as part of a PhD where applicable.



We look forward to receiving your application!

✉ bewerbung@bauhaus-luftfahrt.net

Please indicate the reference number 23-1-7

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.

Do you have any questions?

Michaela Richter will be happy to help:

☎ +49 89 3074-84919

www.bauhaus-luftfahrt.net/karriere