

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:**

Student (m/f/d) for a Master's Thesis in Economics, Aerospace or Mechanical Engineering on the evolution of production capacities in aviation

Your tasks:

- You research the evolution of aircraft (A/C) production capacities and its impact on fleet transition towards future fuel types and net-zero targets
- To this end, a review for current and historic A/C production capacities should be undertaken and stored in a suitable data format
- Important questions to consider when forecasting production capacities are likely future A/C types (esp. in terms of energy carrier), substitution effects of current A/C production, as well as adoption rates across different market regions
- To round up your master's thesis, different evolution pathways could be modelled for a range of scenarios, taking into account alternative energy carriers, e.g. LH2, SAF or fuel cells, and the interaction with manufacturing ramp-up and entry-into-service dates.

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

Your qualification:

- You are an enrolled university student (m/f/d) in economics, aerospace or mechanical engineering, or a related field
- Data processing and forecasting methods are among your interests and you have gained first experience; experience with SQL-like databases is a plus
- An independent working style, clear result communication and documentation come natural to you
- You have good written and spoken English skills

What we offer:

- Work-life balance due to flexible working hours
- Subsidised canteen and modern internal cafeteria
- Company sports (gymnastics, football, running group)
- Car park and good accessibility by public transport

We look forward to receiving your application!

✉ application@bauhaus-luftfahrt.net

Please indicate the reference number 23-9-56.

Do you have any questions?

Michaela Richter will be happy to help:

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www.bauhaus-luftfahrt.net/en/career