

## 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 Final Thesis in the field of Energy Technologies and Power Systems

#### Your tasks:

The topic of your thesis could for example be among:

- Design and optimisation of new thermodynamic cycles for aircraft propulsion
- Integration of new propulsion technologies such as hybrid electric propulsion, distributed propulsion and boundary layer ingesting devices
- Design and optimisation of new thermal management concepts for future aircraft

#### Your qualifications:

- You are an enrolled university student (m/f/d) in Aerospace Engineering, Power Engineering, Thermal Engineering or a related field
- You have proven skills in thermodynamics and fluid dynamics
- In addition, you have experience in software development, preferably with Python or MATLAB
- Self-reliance, reliability and a high level of self-organisation are among your strengths
- You thrive in a connected team environment and are eager to improve
- Depending on your topic, experience in gas turbine design can be a plus
- Your English is of high level both spoken and written

#### 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

#### 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](mailto:application@bauhaus-luftfahrt.net)

Please indicate the reference number 21-9-52.

#### Do you have any questions?

Michaela Richter will be happy to help:

☎ +49 89 3074-84919

<https://www.bauhaus-luftfahrt.net/en/career>