

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, IABG, Liebherr-Aerospace and MTU Aero Engines as well as 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.

► 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



We look forward to receiving your application!

✉ bewerbung@bauhaus-luftfahrt.net

Please indicate the reference number 21-9-52.

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