

Join Space Team Aachen

ad astra ex aachen

Mission Analyst

Project ASTRID

About Space Team Aachen

The Space Team Aachen is a space science association founded by students of the Aachen universities. Our team is formed of ambitious students from a variety of fields who share the fascination for space exploration. Our team designs, builds and flies experimental rockets and scientific experiments. We set high, challenging goals in order to reach our best performance. We believe in equality and stand for the exchange of our aggregated knowledge.

Your responsibilities

As part of the EuRoC 2026 team you will be designing and flying Space Team Aachen's next competition rocket with which we aim to compete in the 3 km SRAD hybrid propulsion category of the European Rocketry Challenge in 2026. An experienced mentor will teach you the basics at the beginning.

For this we need you. Your tasks may include:

- Simulating the flight trajectory in a specially developed program
- Further development of the simulation code to simulate the trajectory
- Design and implementation of control algorithms for the airbrakes
- Communication with the other sub-teams to keep your simulation up to date

Our requirements

- Interest in aerodynamics and simulation required
- Programming skills preferred
- Able to work in a team together with other students
- Ability to take responsibility and work independently
- High motivation & reliability
- Fluent in English or German

What do we offer

- Be a part of a team of an association with over 100 members and some of the largest aerospace projects in Aachen
- Interdisciplinary teamwork in a highly motivated team
- Apply your theoretical knowledge in a real-world project
- Get in touch with like-minded people
- Participate in the biggest rocketry competition in Europe and have fun!

Interested ?

Send your application to application@sta.rwth-aachen.de

