Join Space Team Aachen

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Propulsion Engineer

Project Ikarus

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.

Our requirements

- Experience with **CAD** software
- Prepared to **dedicate time** to the project
- **High motivation** & reliability
- Able to work in a team together with other students
- Fluency in English and German

Your responsibilities

As part of the IKARUS team you will be designing and testing Space Team Aachen's next competition rocket's propulsion system with which we aim to compete in the 9 km SRAD hybrid propulsion category of the European Rocketry Challenge in 2027. An experienced mentor will teach you the basics at the beginning.

For this we need you. Your tasks may include:

- 3D CAD modeling of the rocket's fluid system and engine
- Running fluid simulations (CFD), Python and Matlab scripts
- Hands-on prototyping and assembling parts in the workshop
- Collaborating with other sub-teams to integrate all the subsystems into the rocket

What do we offer

- Be a part of a team of an association with over 200 active 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

Space Team Aachen e.V.
Email: application@sta.rwth-aachen.de
Web: www.spaceteamaachen.de

Registergericht: Amtsgericht Aachen
Registernummer: 5991

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