Join Space Team Aachen

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Structural Engineer – Fin Section

Project STAHR - Team STRUCTURES

About Space Team Aachen

The Space Team Aachen is a space science association founded by students at 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 a Structural Engineer you will be part of the STAHR's STRUCTURES Team. There you will be responsible for the design, simulation and testing of the parts you are working on, especially the fin section of the rocket will be the focus of your work. The fins stabilise the rocket and must be integrated into the rocket in a resistant and stable manner. We give you the opportunity to apply your knowledge from your studies on our supersonic hybrid rocket aiming to reach 10 km in altitude as part of the DLR STERN program.

Don't hesitate to ask us for further information or to send us your application!

Begin: ASAP

Our requirements

- High motivation & reliability
- Fascination for space engineering
- Able to work alone and in a team
- Good communication skills
- Knowledge of English and/or German
- Highly systematic way of working
- Enjoyment in hands-on work
- Experience in FEM is a plus
- Experience in composite manufacturing is a plus
- Experience in CFD is a plus

What do we offer

- Insights on the development of a rocket project
- Be a part of the highly-motivated team
- Hands-on work on spaceflight hardware
- Contact with experts from several institutes, e.g., for testing or manufacturing capacities as well as technical expertise
- Extensive support
- See your work fly at supersonic speed up to 10 km

Interested?

Send your CV and a motivational letter to application@sta.rwth-aachen.de

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Registergericht:
Amtsgericht Aachen
Registernummer: 5991

SPACE TEAM AACHEN