

Aerodynamics



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Simulation development (CFD)

Job description

Next to design, CFD simulation is the second important fundamental building block of the aerodynamics development.

The simulation setup always offers new challenges: From the turbulence model to the grid analysis, there are practically endless possibilities to optimize the CFD simulation and thus calculate even better results for the car.

You would be responsible for the further development of the simulation in the aerodynamics group. After your familiarization with the subject area, your efforts will enable the development of higher-performance aerodynamic components and thus strengthen the competitiveness of our club.

What will be your tasks?

- Development of the simulation-workflow in Star-CCM+ and NX
- Development of Java-Macro's for Simulation Automation
- Collaboration in cross-group tasks
- Participation in group and team meetings

What are our requirements?

- Preferably studies in the field of Mechanical Engineering, Physics, CES, IT
- Ideally previous knowledge in the field of CFD simulation
- Special interest in aerodynamics
- Willingness and dedication to the project
- Fluency in English

If you are interested, please fill out the application form on our homepage.
We will give you feedback on your submission as soon as possible.