



What is the Aero Validation about?

For some years now, our race cars have had aerodynamic packages. This now consists of a front wing, an underbody, a rear cover, a diffuser, but also other components.

For the development of a new aerodynamics package, it is important to compare our CFD simulations with data from real tests.

You would be responsible for this validation in the Aerodynamics group. After the familiarization with the topic, you will organize tests (FlowViz, Turfs, Yawprobe...) and evaluate the obtained data. You will also be responsible for the preparation and execution of tests in a wind tunnel.

What will be your tasks?

- Planning and organizing tests for the validation of our aerodynamics package
- Adapt simulation so that it approximates reality
- Cooperation in mechanical tasks (e.g. manufacturing of aerodynamic components)
- Collaboration in cross-group tasks (e.g. testing, event qualification)

What are our requirements for you?

- Motivation and team spirit
- Interest in Aerodynamics & CFD-Simulation
- Participation in weekly appointments
- Preferably studies in the field of mechanical engineering, physics, CES, computer science
- Prior knowledge of CFD-Simulation, CAD and Aerodynamics
- Ideally first experience with STAR-CCM+



One Goal.
One Team.

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