

Aerodynamics & Thermomanagement



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Aero Validation

Job description

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

For the development of a new aerodynamic 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 familiarization with the topic field, you will plan and organize tests for this purpose, and evaluate the data obtained. For the evaluation you will also have to handle MATLAB to visualize the generated test data.

What will be your tasks?

- Planning and organizing tests for the validation of our aerodynamics package
- Writing MATLAB tools for evaluation and visualization of test data
- 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, Computer Science
- Ideally previous knowledge in the field of design, aerodynamics and CFD
- First experience in MATLAB
- Special interest in aerodynamics
- 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.