



Structures

The Subsystem

The Structures team designs, simulates, and manufactures all static components of the solar car. Interfacing with all other subsystems and forming the backbone of our ultra efficient solar car.

This ranges from the monocoque chassis, housing the driver and connecting everything together, to the multiple meter long aeroshell, providing the car's smooth aerodynamic surface together with the solar deck.

Across all components, our priority is building the lightest car possible while ensuring strength and reliability.

Our Tasks

- Design of Large Complex parts in Siemens NX
- Advanced Composite Finite Element Simulations
- Manufacturing of all Structures Components
- Building and Testing composite samples

Your Requirements

- Enthusiasm for the project
- Ability to work on your own and show initiative
- Ability to develop your own ideas and solutions
- High level of commitment and motivation
- Basic Knowledge of NX
- Readiness to Manufacture large complex parts from Carbon Fiber

We Offer

- Gaining practical experience and develop engineering skills
- Ability to take ownership and shape the outcome of the project
- Interaction with Industry partners
- Being part of a interdisciplinary, close-knit team
- Participation in the World Solar Challenge: THE Adventure of your studies

Application

Apply by filling out our Application form.

Scan the QR-Code or click below

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