innoptus
SOLAR TEAM

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ELECTRONICS

INNOPTUS SOLAR TEAM

THE PROJECT

The goal of the project is to build the eleventh Belgian solar car. With this car, you will participate in the world championship for solar cars in Australia, the Bridgestone World Solar Challenge 2025. You will go through the whole process of designing, producing, testing and racing, together with a group of ambitious and motivated students. With numerous companies, you will develop new innovations to build the most efficient solar car. In the end, you and your team will compete against universities from all over the world to compete for the first place. This project will help you become a state-of-the-art engineer!

THE FUNCTION

As an Electronics Engineer, you research, design and build the most reliable and robust electrical system for the solar car. You do not give up a challenge and always strive for the solution that consumes the least power. You devise new systems for the bi-directional wireless monitoring of the car, you develop PCBs that are even smaller and consume even less than their predecessors or you work on a state of the art motorinverter. All this with one goal: to create an electrical system that is light, reliable and efficient. You will work closely with your colleagues within the energy department in order to guarantee a seamless integration within the rest of the solar car.

YOUR PROFILE

- An extensive interest in both electronics and programming
- A motivated team player
- A creative, out-of-the-box mindset
- High degree of independence
- Bachelor's or master's degree in engineering technology or (bio) engineering sciences
- Ready to put a lot of time and effort into this project!

OUR OFFER

- A project full of experiences you don't get in your normal studies
- Experiencing a real engineering project and its different phases
- Being in contact and cooperating with the largest companies in the industry
- A group of friends and an international racing adventure to remember
- The experience of a lifetime and so much more!

Interested? Send your **CV** and **motivation letter** to **recruitment@solarteam.be!**