

## ELECTRONICS

### INNOPTUS SOLAR TEAM



### THE PROJECT

Join the team building Belgium's 12th solar car! Are you looking for an experience of a lifetime? A project where you don't just sit in lectures, but build something from the ground up and see it come to life?

As part of the Innoptus Solar Team, you work with a group of ambitious and motivated students to build our best solar car yet and compete at the Bridgestone World Solar Challenge 2027 in Australia; the world championship for solar cars. You go through the entire process: designing, producing, testing and racing. Together with numerous companies, you develop new innovations to build the most efficient solar car possible. In the end, you and your team line up against universities from all over the world and race for the world title.

This project will push you technically and personally – and help you grow faster than you could even imagine!

Interested? Apply on our website: <https://www.solarteam.be/en/recruitment>

### 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 PCB's that are even smaller and consume even less than their predecessors or you work on a state of the art motorinverter. You will be working with cutting edge software such as Altium, and gain hands-on experience in soldering and assembling. 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 /Master's degree
- 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 from start to end
- 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!