



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Éducation nationale,
de l'Enfance et de la Jeunesse

CanSat Luxembourg 2021 Press Kit

Registration for the CanSat competition was launched in September 2020.

10 teams from 7 Luxembourg schools registered for a total of 54 students.

In December, around ten teachers received online training to be able to coach their team in the development of their satellite.

The teams had about 5 months to build their mini-satellite.

A jury of 4 Luxembourg space experts followed the teams progress through reports teams had to regularly submit.

The best team will participate to the European CanSat competition in September.

A CanSat is a “satellite” the size of a beverage can, developed, built and programmed by teams of students.

This mini-satellite is brought to an altitude of 1 kilometer by a rocket and then falls to the ground attached to a parachute.

During its descent, the satellite performs science experiments for which it was designed.

A CanSat serves as a model of a real space mission, as it will pass through essentially the same phases as a real space mission: Planning the mission, designing the satellite, testing the individual components and the overall system, carrying out the mission, processing and evaluating the data, communicating the results. In this way, the CanSat competition offers dedicated and talented students the opportunity to gain their first practical and authentic experience of a space project.

More information on www.cansat.lu

Contact

Frederic Conrotte

ESERO Luxembourg

Tel.: +352 621 969 019

E-Mail: cansat@esero.lu

On Social networks

Facebook: @eserolux

Instagram: @eseroluxembourg

Twitter: @ eseroluxembourg

Programme and practical Information

Saturday 22 May 2021

9.00 Arrival to the launch site

Elsenborn-Butgenback Air Base

Sourbrodter Straße - Elsenborn

[Suggested itinerary](#)

2 hours by car from Luxembourg city



9.00 – 12.30 Technical inspection of the CanSat: Support & troubleshooting with support from T-Minus

12.30 – 13.00 Lunch (included)

13.00 CanSat Rocket 1 Ready report

13.15 CanSat Rocket 1 Integration

13.30 Launch Rocket 1

13.45 CanSat Rocket 2 Ready report

14.00 CanSat Rocket 2 Integration

14.15 Launch Rocket 2

14.30 – 17.00 CanSat recovery and first data analyses

17.00 CanSat teams pack up & initiate return trip to Luxembourg

Special COVID-19 measures & other important information

- Use of masks is mandatory on the base.
- Hand sanitizer hydro-alcoholic gel will be provided at different places.
- Restaurant facilities are COVID compliant regarding separation of tables.
- Each team will have its own private area to work on their CanSat.