



# VAN ALLEN FOUNDATION UNIVERSITY SPACE CENTER OF MONTPELLIER

CONTRIBUTING TO THE RISE OF **NANOSATELLITES** IN FRANCE  
 TRAINING TOMORROW'S **YOUNG SPACE TALENT**







# THE MONTPELLIER UNIVERSITY SPACE CENTER

Since 2006, the CSUM has been developing nanosatellites by involving students during their internships and their study projects.

Supervision is provided by CSUM engineers, academics and industrials.

1

## **Concurrent Design Facility**

A collaborative work tool that simulates all aspects of a mission to evaluate its feasibility

2

## **Mission control center**

Monitoring the evolution of the missions in real time

3

## **Ground stations (S-band and UHF)**

Communication with satellites by radio frequency link

4

## **Clean room**

Controlled environment for integration of nanosatellites. Welcomes students from partner's educations to train them in AIT (Assembly, Integration and Tests)

5

## **Thermal vacuum chamber (TVAC)**

Optimized for testing nanosatellites

## ACTIVITIES CENTERED UPON NANO-SATELLITES PLATFORMS AND SYSTEMS

With its own 1U and 3U platforms, the Space Center offers the possibility for end users to design complete missions, embark payloads or perform technological validation in orbit.

The CSUM offers turnkey solutions from feasibility study to satellite operation. For collaborative projects, with other CSUs, it conducts upstream studies on 6U and 12U projects.

## INNOVATIVE TRAINING COURSES

Under CSUM impulse, two new university courses have been created:

1

A Bachelor degree program in Assembly, Integration and Tests (AIT), at the IUT of Nîmes

2

A Post-master's Professional degree in Space System Engineering (DSS), carried out by Polytech Montpellier, at the IUT of Nîmes

These courses are full time or work-study programs and serve as a basis for the training of managers, engineers and technicians of emerging countries wishing to initiate a space program.



# HOW TO MAKE A DONATION?

## MAKE A DONATION

From 1 €

*Join the University Space Adventure*

## BECOMING A FRIEND OF THE FOUNDATION

From 1,000 €

*Do you dream of Space? Do you want to take part in the space adventure in our region? Make your dream come true*



## JOIN THE PARTNER'S CLUB

**Membership amount depending on turnover**

*Join a privileged network of information and discussions about university nanosatellites*



## BECOMING A MAJOR DONOR

Consult us



## BECOMING A FOUNDER MEMBER

Consult us

*Be at the heart of decisions*

## Tax advantages

**COMPANIES:** 60% of the donation deducted from business tax (up to 0.5% of turnover excluding VAT) (jusqu'à 0,5% du CA HT)

**INDIVIDUAL:** 66% of the donation deducted from income tax

**IFI :** 75% of the donation deducted from property tax

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