

CLTP15 Experience



Learning, teamwork and teaching

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Today's Content

1. The program and our first activities
2. Teamwork and teaching practice
3. Lessons and experiences in Japan

What is CLTP?

CanSat Leader Training Program

Learning through practice

Hands-on activities with the HEPTA-SAT training kit

Nihon University, Japan

A shared learning environment with participants and instructors

Learning to teach

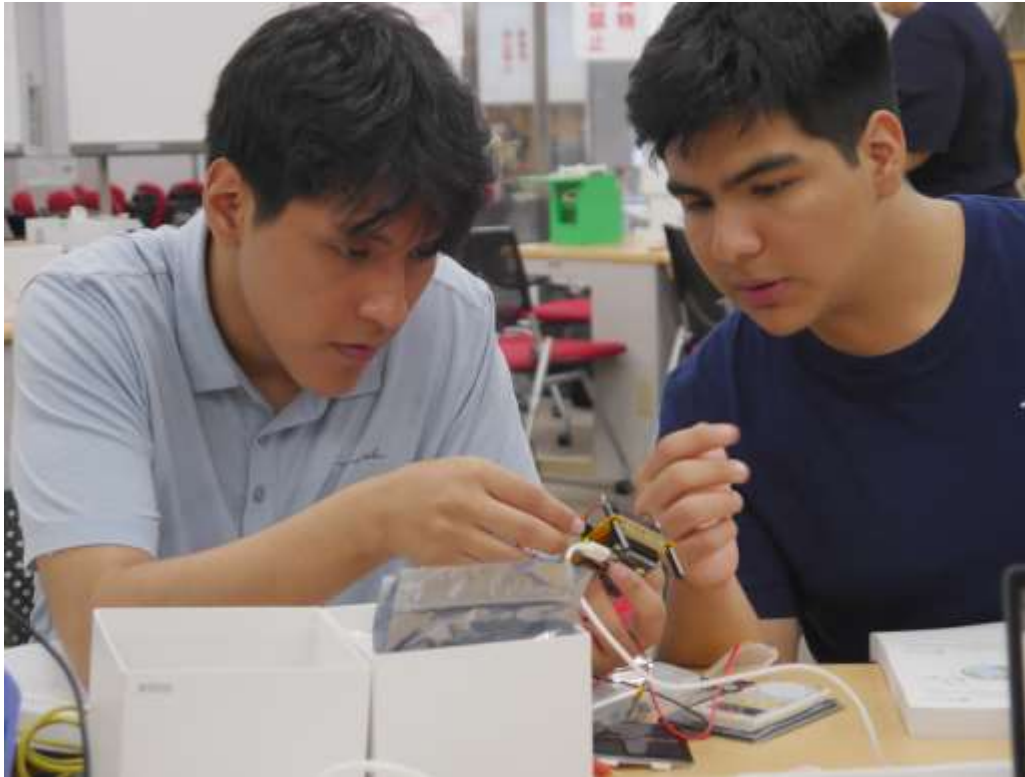
Applying our knowledge and then helping others through the activities



HEPTA-SAT training materials

The first days with José

Learning side by side — in an international group



**19 participants · 10
countries**

**Teachers · Researchers ·
Students**

A shared interest in aerospace engineering — and in taking that knowledge back to our countries.

**Different backgrounds brought
different perspectives to every
activity.**

José and I started the activities together.

Different cultures and experience made the learning richer.

Working as a team

A common task

Combining our efforts around the HEPTA-SAT activities

Different perspectives

Listening to other approaches and discussing ideas together

Shared understanding

Making sure the work made sense to everyone in the team



The project depended on how well we worked together.

MEM-SAT

An output from
our activities

Water and oil
classification

Vegetation comparison
using NDVI

MEM-SAT — Fused Output Map (region-based)



Connecting experiments and results



Our role changed during the final days

The new challenge

We taught people who were already working professionally.

My experience

This was one of the most difficult parts for me.



The equipment we learned to use

Doing an activity and explaining it clearly require different skills.

Technical understanding

Seeing how hardware, programming and testing connect

Learning with others

Listening, discussing ideas and checking understanding

Teaching and communication

Explaining a task helps reveal what I understand and what I need to review.





Shared meals and conversations

Getting to know the people behind the projects



Thank you!

**CLTP15 helped me learn by doing,
work with others and begin sharing what I know.**