ROMANIAN SPACE INITIATIVE

WHO ARE WE?

The Romanian Space Initiative (ROSPIN) is a Non-Governmental Organisation (NGO) with the vision to create a **united community** of individuals with **similar aspirations** regarding the space sector. For this, ROSPIN has the mission to develop the **Romanian Space Ecosystem** through various activities such as **educational programmes**, **hands-on projects and workshops**, as well as **community events**.

THE ACADEMY EXPERIENCE

The central vision for the ROSPIN Academy educational programme is to continuously **make space attractive** to Romanian University students, to offer them a context to **understand the sector's complexity, depth and level of international collaboration,** as well as **to prepare them to join the sector.**

ORGANISATION

Each Edition of ROSPIN Academy is spread across **3 Levels** that are coordinated with the least busy periods during a University calendar year. In the current Edition 2, these are:

LEVEL 1 – Intro to the Space Sector – Oct & Nov 2021

Participants had the chance to discover the space sector from different high-level perspectives and to find out how to build a career steered towards space in the first Academy level.

LEVEL 2 – Lifecycle of a Space Mission – Mar & Apr 2022

The second Academy level will unfold a tech overview for participants to grasp the different aspects and activities that are relevant in each mission phase, in order to successfully design, build, launch and operate a spacecraft.

LEVEL 3 – Further Hands-on Experiences with Industry – Summer 2022

The most astute participants will gain an even more in-depth understanding of various aspects of spacecraft engineering, through a hands-on experience delivered in collaboration with industry professionals in the final Academy level.



WHO IS THIS FOR?

This opportunity is **steered towards Romanian undergraduate, graduate and PhD students** from technical Universities that are eager to learn about spacecraft engineering. **Participants from Level 1** of ROSPIN Academy Edition 2 are **highly encouraged to apply,** as it will strengthen the knowledge gained already in Level 1. At the same time, **we welcome applications** from students who have **never participated** in our Academy thus far.

WHAT IS IN IT FOR YOU?

A modern, fresh and unique learning experience, designed for those of you who want to deepen your knowledge about the space mission lifecycle, subsystem definition and the overall technical complexity of the space sector. You will also interact with the other participants in short exercises meant to practice your interpersonal skills. Based on your attendance, you will receive a Level 2 Certificate if you participated in a minimum of 6 Lessons.

WHO IS TEACHING?

European professionals from the space **industry and academia** will deliver the Lessons. You will meet **both young graduates and experienced specialists** from the respective fields.

