

Universitatea Politehnica Timișoara presents

# SPACE ENGINEERING CHALLENGE 2026

Official Invitation for High School Teams

*From point clouds  
to pathfinding:  
conquer the cave*



## JOIN THE CHALLENGE

We invite high school teams to take part in the 2026 edition of Space Engineering Challenge, a hands-on competition focused on **autonomous and assisted robotic exploration**.

Teams will face a cave-inspired mission involving **navigation using a point-cloud map**, an **indoor light constellation**, and **object collection** under realistic constraints.



## WHY PARTICIPATE?



Work on a real-world robotics and sensing challenge



Build engineering skills, teamwork and creativity



Gain visibility, connect with universities and win awards



## WHO CAN JOIN?

High school students (ages 15–19) from Romania and abroad. Each team must be composed **exclusively of high school students**, coordinated by a teacher or mentor.



## LEARN. BUILD. EXPLORE.

Discover the exciting world of robotics, space technologies and engineering!



LEARN MORE AND REGISTER:

<http://sec.ac.upt.ro/>

