



+

WE ARE
ROBOCOL



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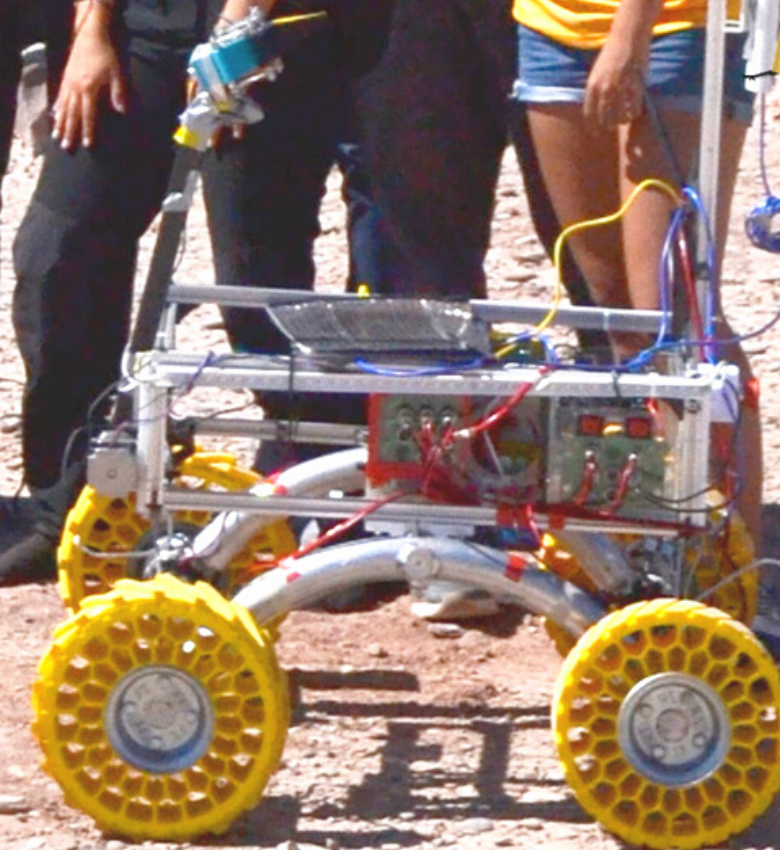
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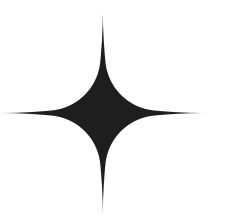
WHO ARE
WE?





60+ STUDENTS
2 MAJORS
1 PASSION

OBJECTIVES



¿WHO ARE WE?

We are an organization formed by students and young professionals, united by the development of colombian robotics.

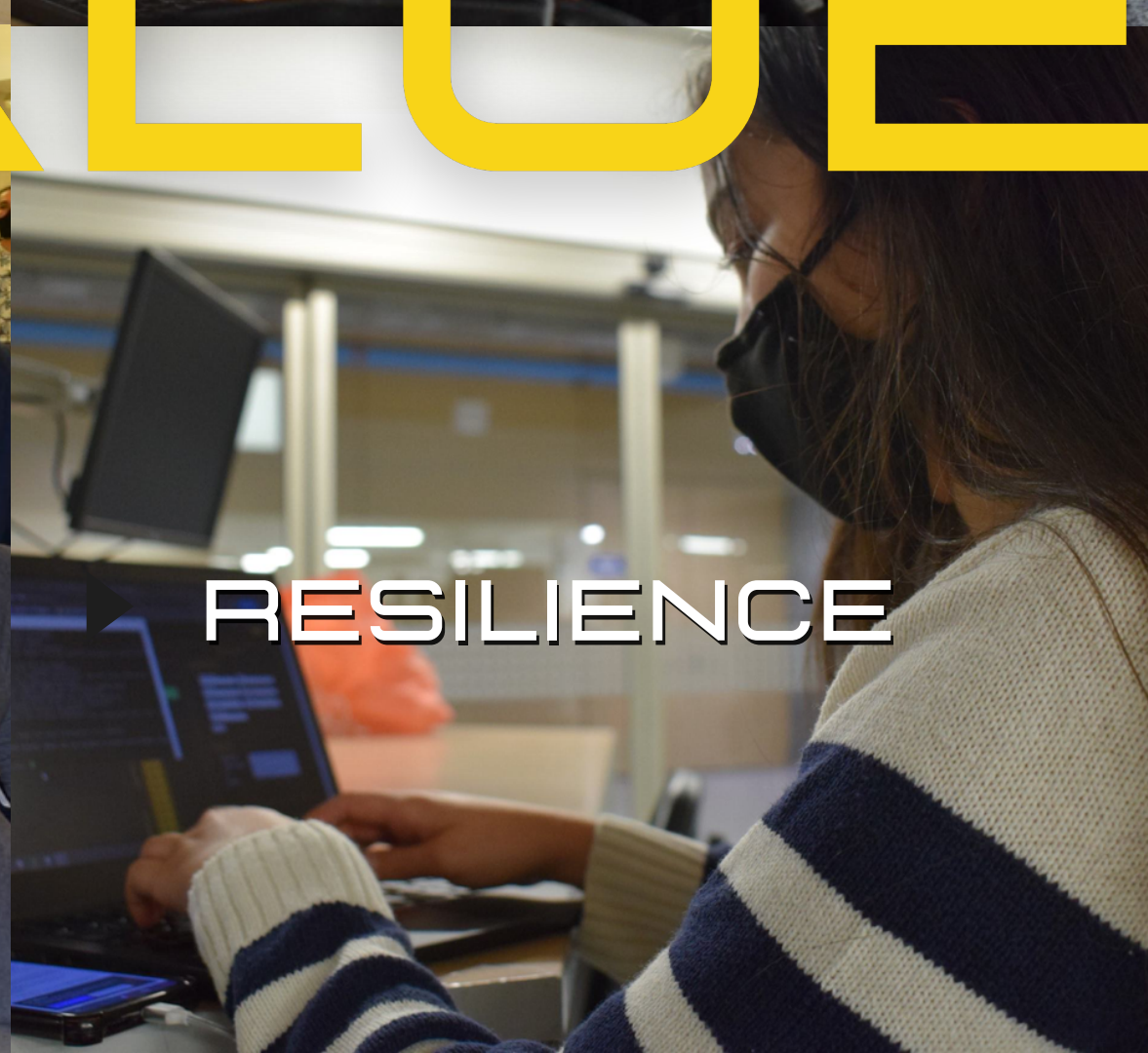
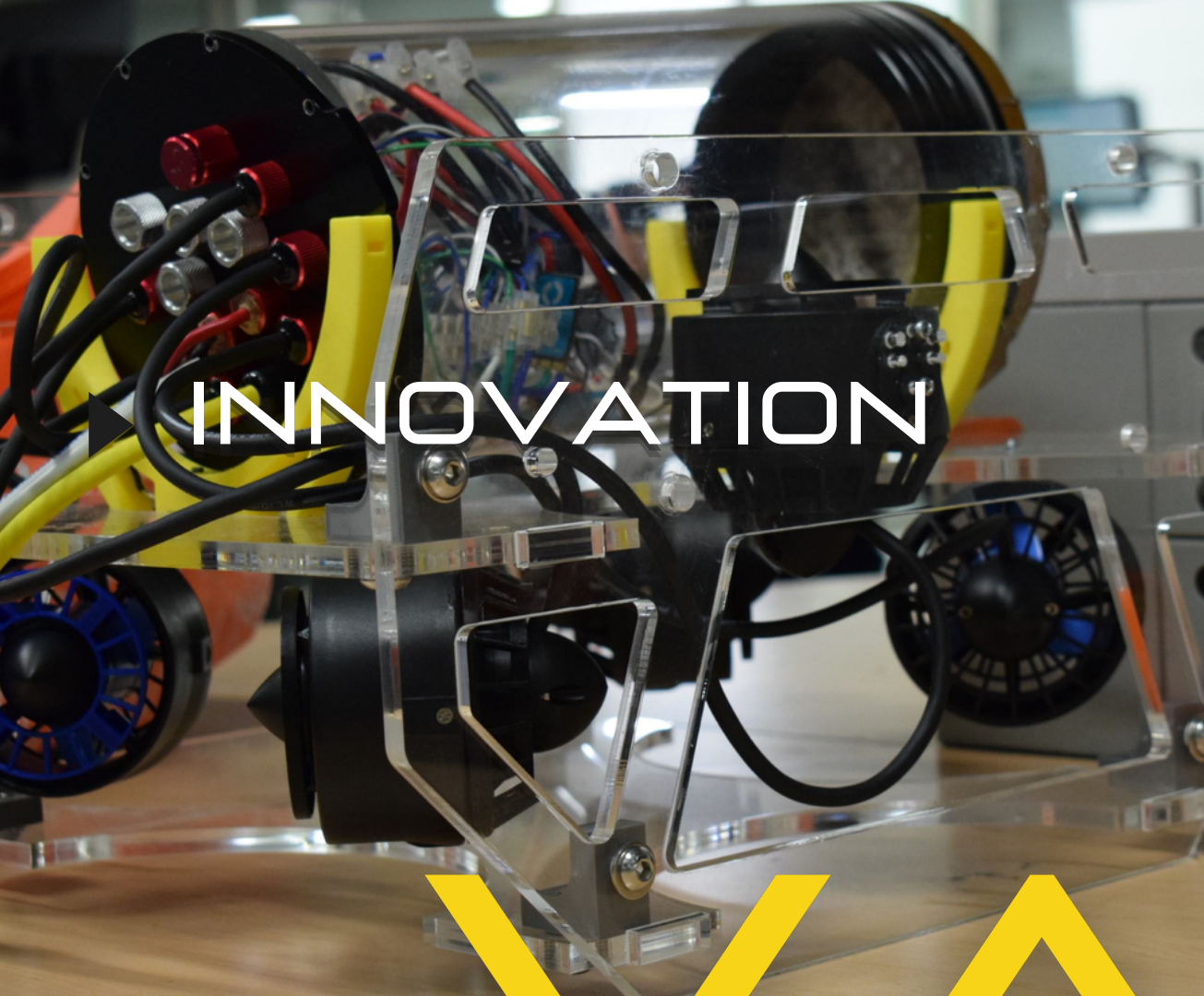
► MISSION

- Promote education and investigation in science and Technology.
- Be an industrious and innovative organization.

► VISION

- Ejecutar **proyectos de investigación** en el área de la robótica que tengan impacto en el contexto colombiano.
- Ser una organización **autosostenible** líder a nivel nacional e internacional.
- Apoyar la formación de **profesionales sobresalientes** de distintas disciplinas.





▶ INNOVATION

LEARNING

▶ EXCELLENCE ✨

VALUES

INTEGRITY

▶ RESILIENCE

▶ TEAMWORK

OUR PROJECTS AND ORGANIZATION

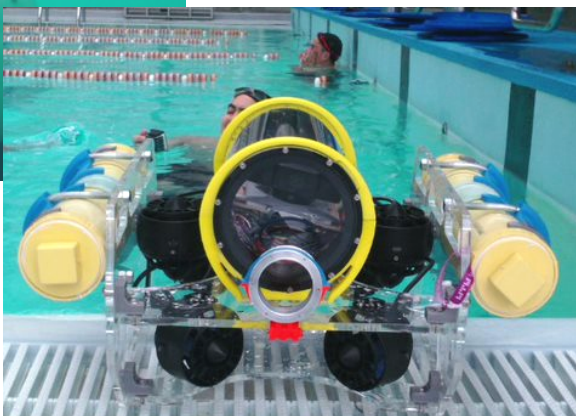
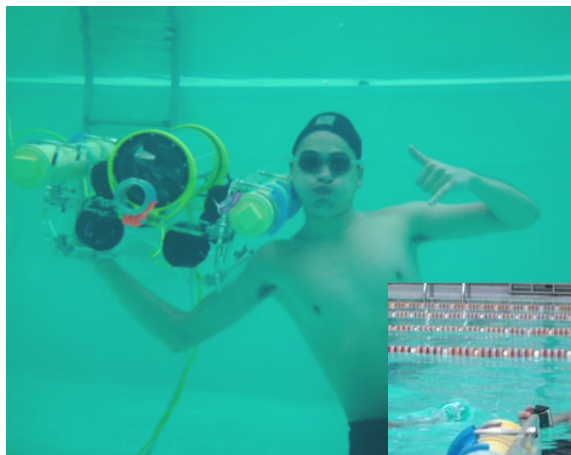


Robocol distinguishes by its projects and organization.

BOD: BOARD OF LEADERS

LEADERS

SUBMARINE
PROJECT



DRONE
PROJECT



ROVER
PROJECT

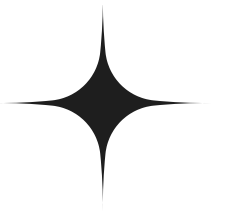


MANEAGEMENT AND
CREATIVE TEAM



SUBMARRISCO

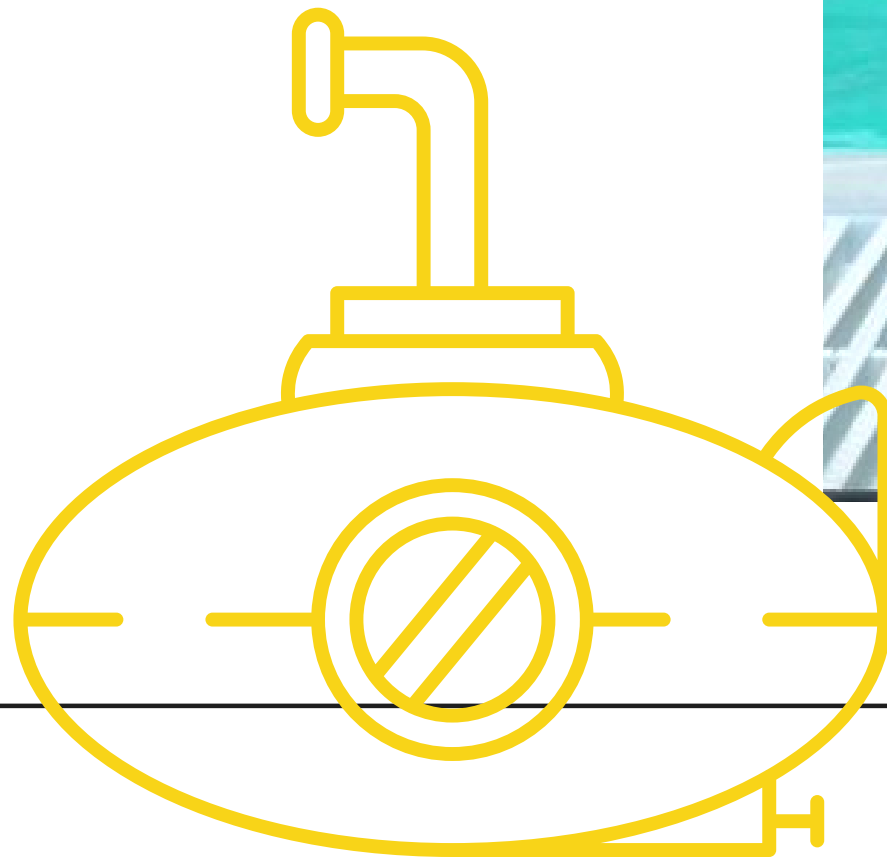
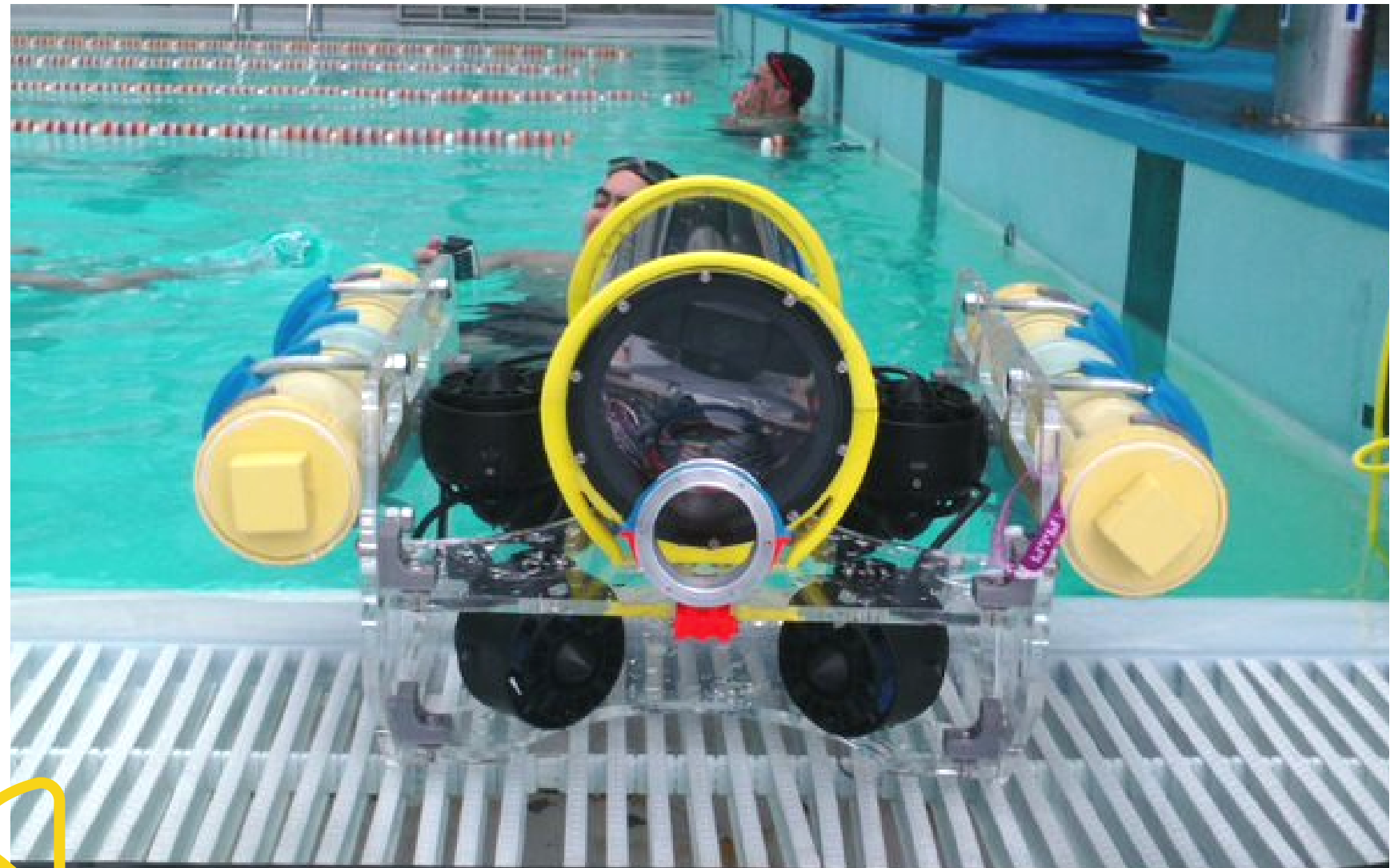
INTO THE WATER



► COMPETITION

- MateROV

Project focused on marine and water body exploration.



PROYECTO

ICARUS



AERIAL
RECONNAISSANCE

ASTERO
AERO

2022

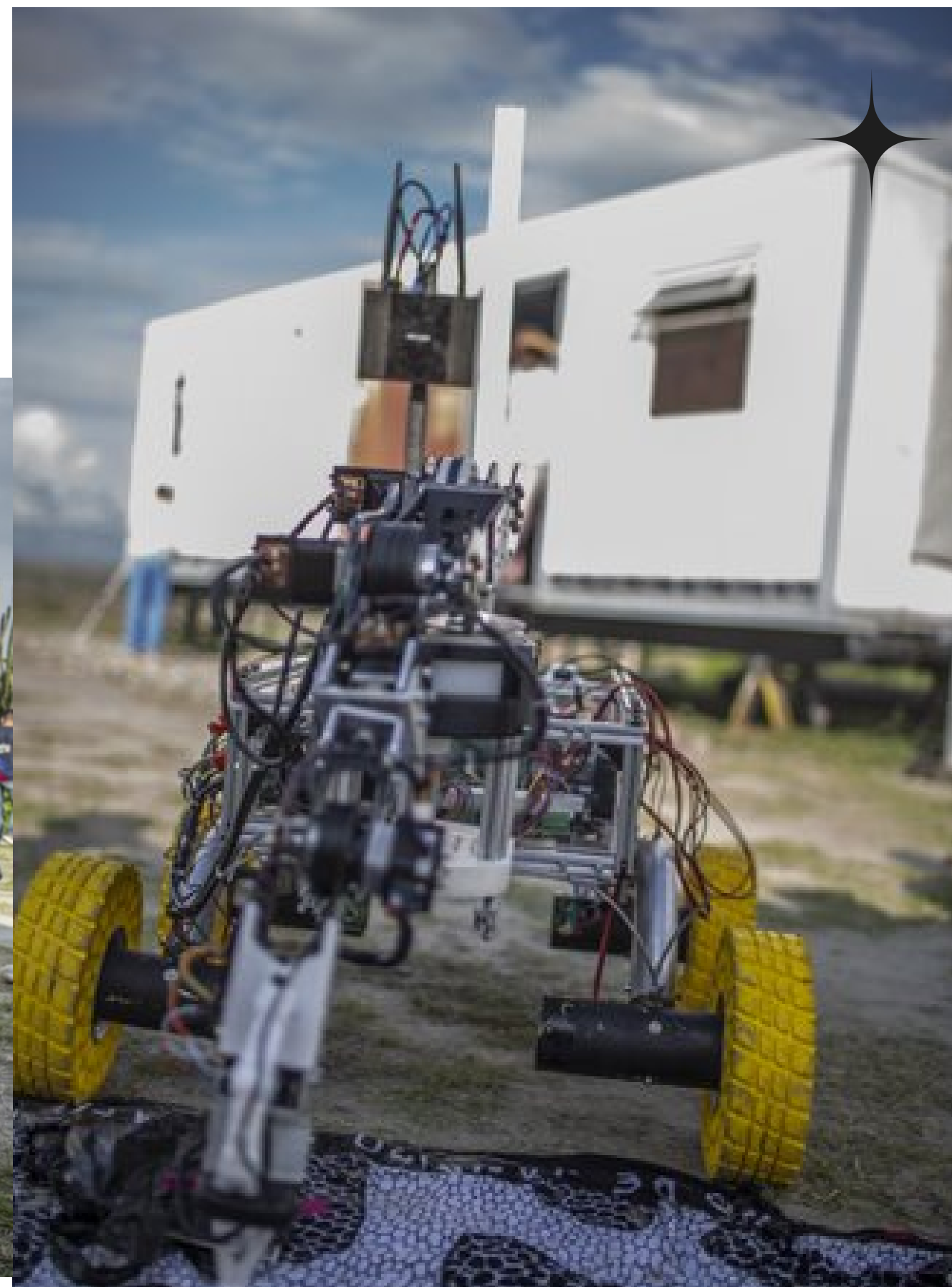
ROVERTO

PROYECTO

Development of a Mars exploration vehicle for engineering growth and competition in national and international events.

► CONCURSO

- ERC
- ODISSEY
- URC



2

OUR PAST AND ROVER PROJECT

A FIRST DREAM ✨

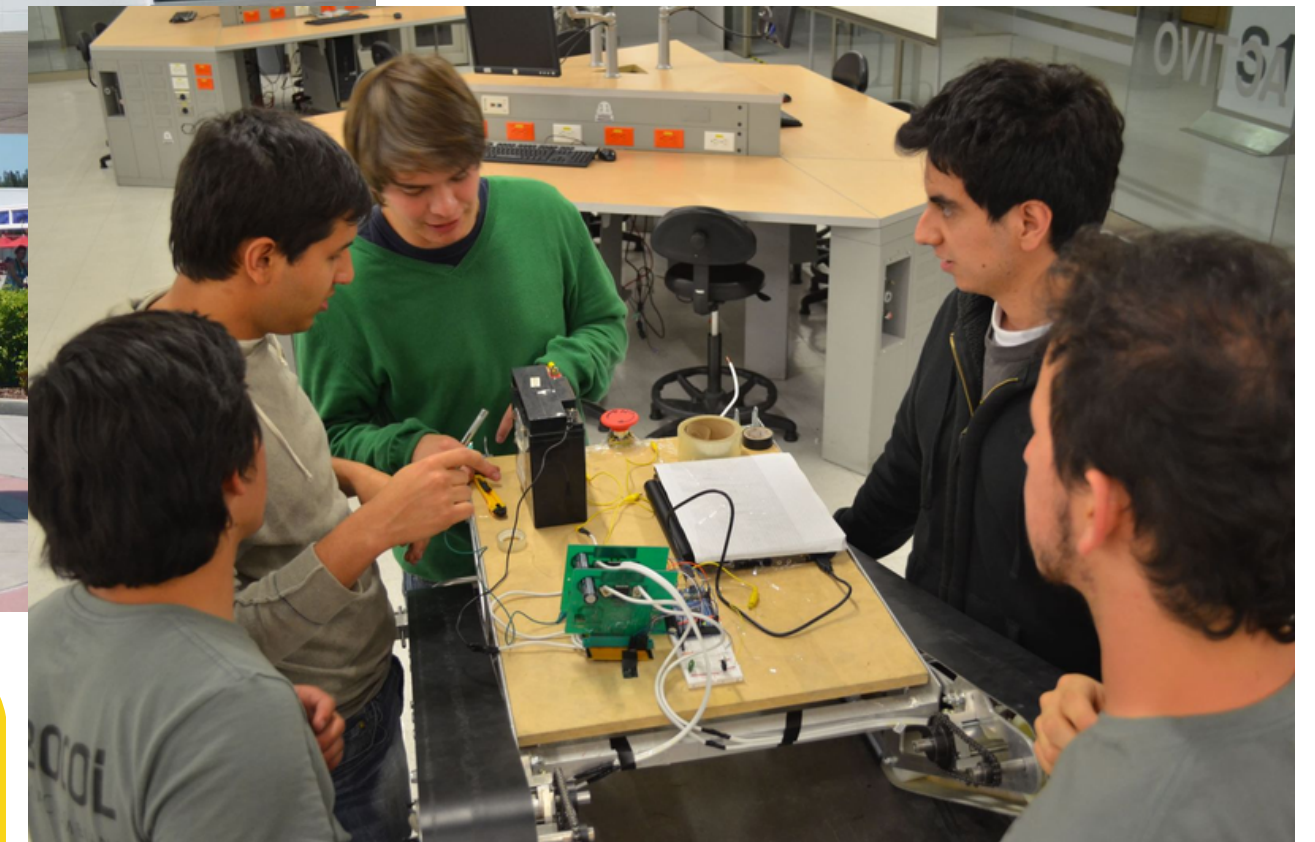
FIRST STOP, THE MOON

Five engineering students and a professor, plus trust, were the foundations of Robocol

Robocol participated in its first competition, NASA's Robotic Mining Competition: Lunabotics 2011, where we won the Joe Kosmo Award for Excellence for placing 19th out of 70.



Members (6): Sebastián Macías, Andrés Latorre, Fabio López, Mauricio Urbano, Sebastián Ruiz, Luis Linares.



REACHING OUT

TO YOUNGER GENERATIONS

DOMOBOTICS was the first social impact project the team worked in.

Robotics courses were taught in schools of Bogotá.



NEW BEGINNINGS

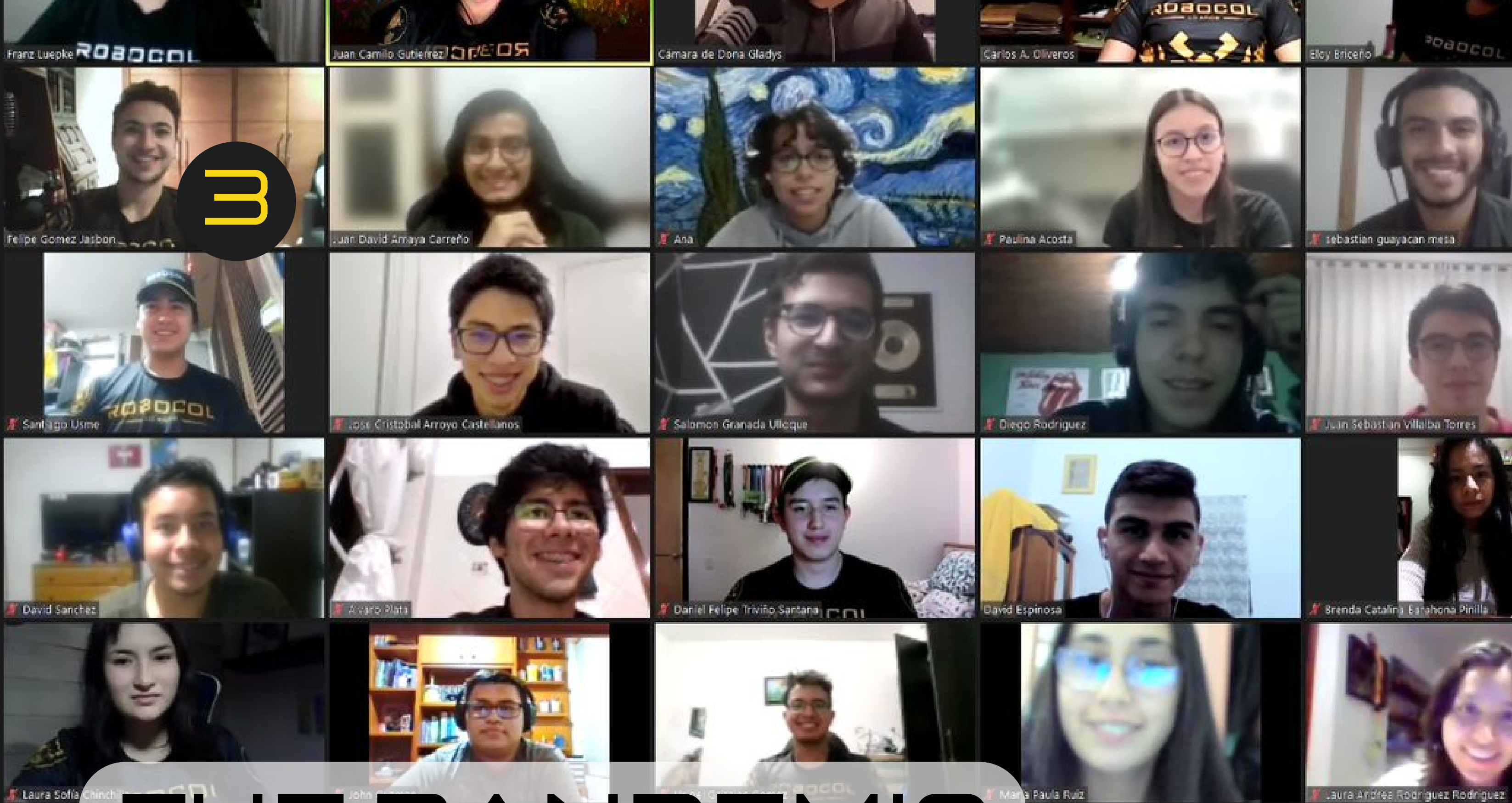
NEXT STOP, POLAND

New leaders, a new generation with laser focus on a new objective. To land on the ERC Marsyard, in Poland.

16 Engineers and scientists took the Uniandino Mars Exploration Rover, REM-U, to its first international competition.

We participated in the Poland to Mars event of the Polish embassy. The main presenter was the president of the European Space Foundation and there was an opportunity to show children and adults the work of Robocol.



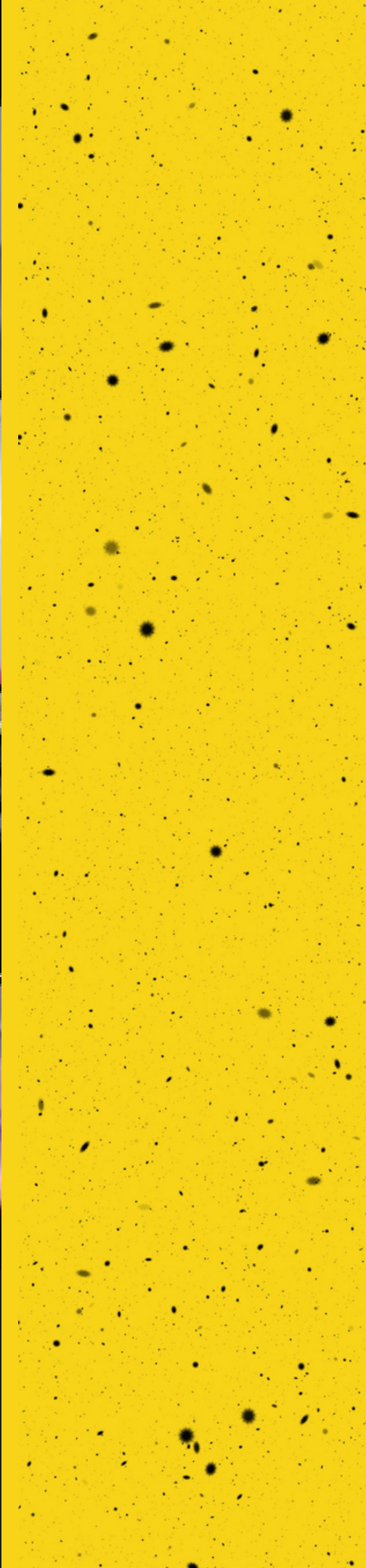


THE PANDEMIC

Doña Gladys

Australiano ma...

Eduardo Vanegas



LOCKDOWN PROTOCOL

UNEXPECTED CHANGES



During the pandemic, 5 leaders, the only remaining members of the team, revamped the team back to 50 members and participated in the remote edition of ERC. We finished 3rd place, our greatest achievement to date.

ROAD TO THE DESERT



LA TATACOA, UTAH

We are back on campus, and a new young generation of engineers is tasked to take the flag of the team.

We classify for the first time to our dream competition, the University Rover Challenge.

In preparation, we traveled to La Tatacoa dessert, in Colombia, to test our system, and our teamwork.

4

OUR PRESENT



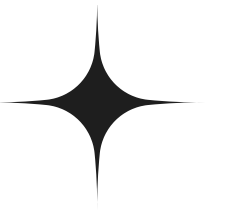
NEW FRONTIERS

4TH GEN



We can proudly say that we have reached the 4th generation of Robocol, and we have maintained our objectives over time and built on top of what previous members have built

FROM COLOMBIA TO ...



► PIONEERS

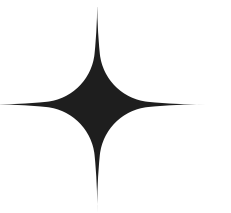


► LEADERS



IN ROBOTICS

YOU CAN SUPPORT...



- NATIONAL COMPETITIONS OF AEROSPACIAL PROJECTS
 - ODISSEY COMPETITION (TATACOA DESERT)

INICIA LA CUENTA REGRESIVA QUE NOS ACERCA A UNA COMPETENCIA ROBÓTICA EN EL PLANETA ROJO

ODISSEY
COMPETITION
ROBÓTICA BAJO LAS ESTRELLAS

100 EQUIPOS PARTICIPANTES

DESAFIARÁN SUS CAPACIDADES DISEÑANDO Y PROGRAMANDO UN ROVER CAPAZ DE LIDERAR UNA MISIÓN A MARTE.

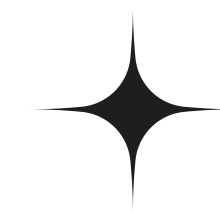
INSCRÍBETE EN

[BIT.LY/ROBOTICABAJOLASESTRELLAS](https://bit.ly/roboticabajolasestrellas)

Y DESAFÍATE EN EL DESIERTO

THANKS TO OUR

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