



UCAV

www.ucavila.es

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A project of practical training in
"mechanical engineering"
and competition automotive technology



○THEORY IN THE CLASSROOMS
PRACTICE IN THE RACES

Dr. Jesús Garcés Artieda



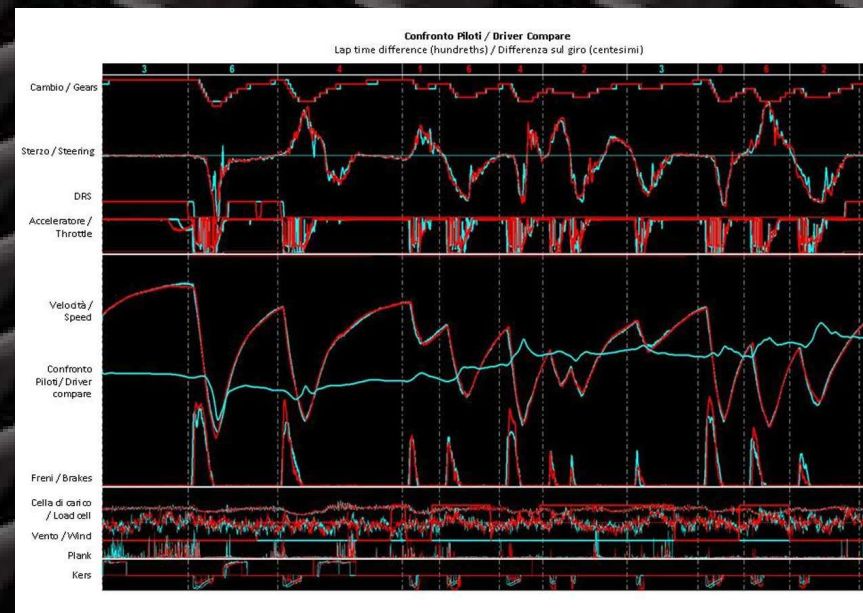
OUR LEARNING PROJECT

TECHNICAL EDUCATION

- 3D Virtual Design



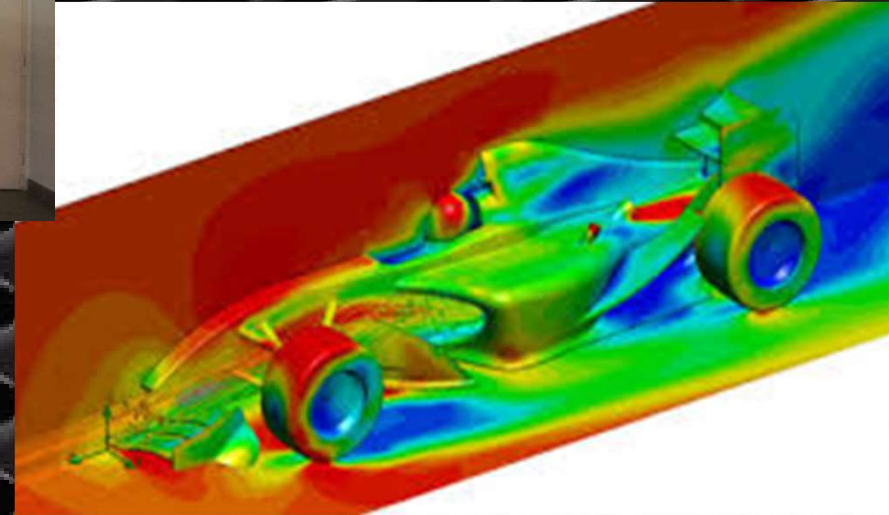
- Telemetry.
Data acquisition
Electronic Control



PROJECT AND MANUFACTURE OF TEST MODELS



AERODYNAMICS SIMULATION

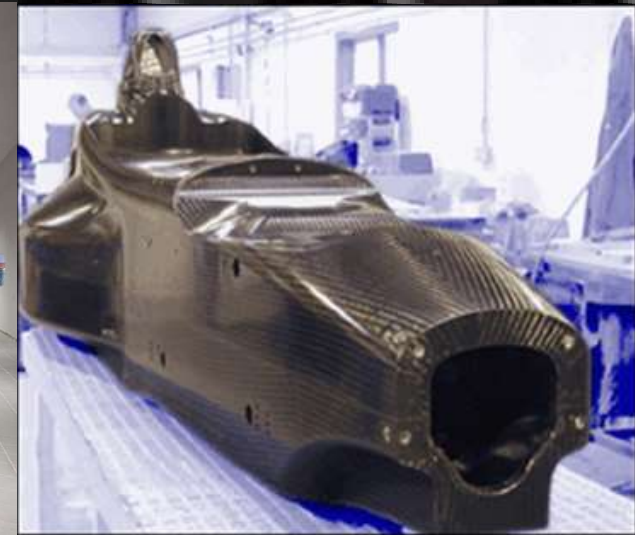


- **Dynamic Fluid Control Studies**
- **ANSYS software**

ANSYS®



STUDY OF NEW MATERIALS



Study of last generation materials

Carbon Fibre

Lexan

Kevlar

Graphene



PRODUCTION PROCESS

**High level
racing
applications**



**Human
technology and
applications**





OUR TRAINING PROJECT



LAT IMAGES

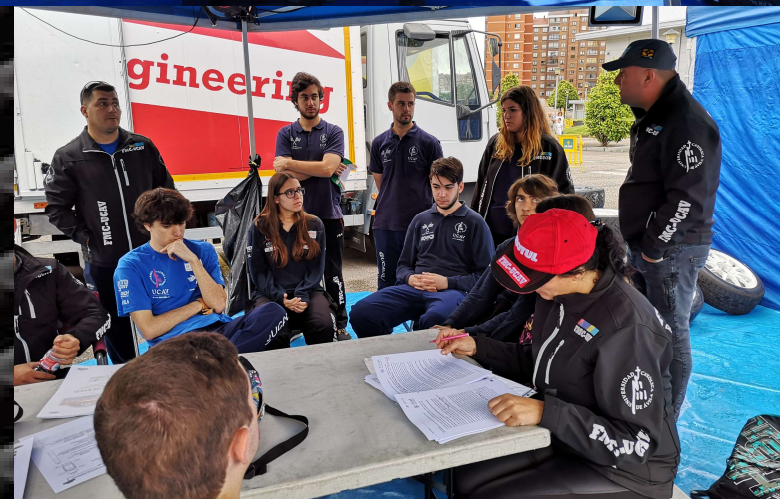


PRACTICAL TRAINING IN COMPETITION WORKSHOP





PRACTICAL TRAINING IN COMPETITION





OUR SPORTS PROJECT



LAT IMAGINE



Rally Competition

SPANISH CHAMPIONSHIP OF HISTORICAL RALLIES





2019 Racing Planning





SPANISH HISTORIC RALLY CHAMPIONSHIP 2016 TEAM WINNER

2017 Second Position

SPANISH HISTORIC RALLY CHAMPIONSHIP 2018 TEAM WINNER



Spanish Touring Championship

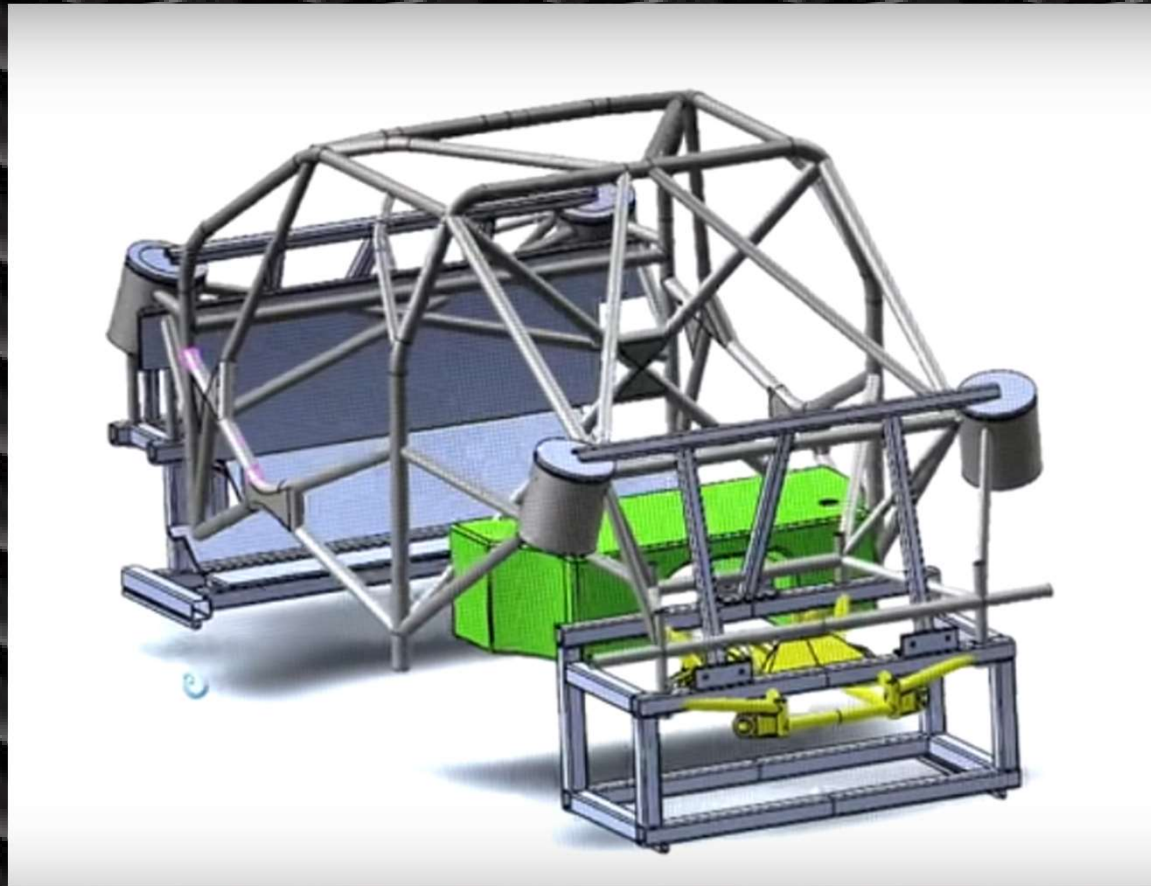


SEVERAL TECHNICAL COLLABORATIONS WITH PROFESIONAL TEAMS





OUR 2020 ENGINEERING PROJECT



Build up a Prototype Hybrid rally car



The new Aerolab Tunnel scale 1:2 development



WE INVEST IN

**TECHNICAL SKILLS
PRACTICE TRAINING
PERSONAL TRAINING
SPORT TRAINING**



THE TARGET

**TO CREATE THE FIRST
UNIVERSITY DEGREE IN
RACING ENGINEERING**



WHAT DO WE OFFER?

- 1- Young university students share in the sport-training project of a unique Engineering course in Spain.
- 2- Receive specially targeted training for your company by the UCAV teaching staff.
- 3- Conduct promotional events for safe driving courses for your employees.
- 4- Develop technical, financial and strategic projects for your company with the support of the UCAV scientific team.
- 5- Develop promotional events with the only one spanish university with a competition team in a RFEDA championship and recognized by the International Federation of Motorsports (FIA).
- 5- Incorporate young talent into your company and participate in the promotion of new generations of students.
- 6- Invest, through an innovative project, in the employability of new university students with a vocation in the international automotive technology sector.
- 7- All these activities will be promoted in the UCAV social networks and within the competition team (42,000 hits in Facebook), in addition to the written press, radio and television, as the team has a space in the local TV and appears frequently in TVE, TVG, RTPA and CVLTV motor programs.

Press dossier available on request

OUR CURRENT PARTNERS



Local Government





OUR STRATEGY



dream - work - consistency
the keys of success



THE FUTURE IS UNWRITTEN
WE ARE GOING TO WRITE IT

From Ávila to the world



For more information

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A PROJECT WITHOUT BORDERS