

# Pachino

**My work-in-progress web-portfolio**

February 2025 - /

As now filled only with stills from some video I made  
I'm gonna put here all the things you will see next.

# App design (for university IoT pet feeder project)

July 2024

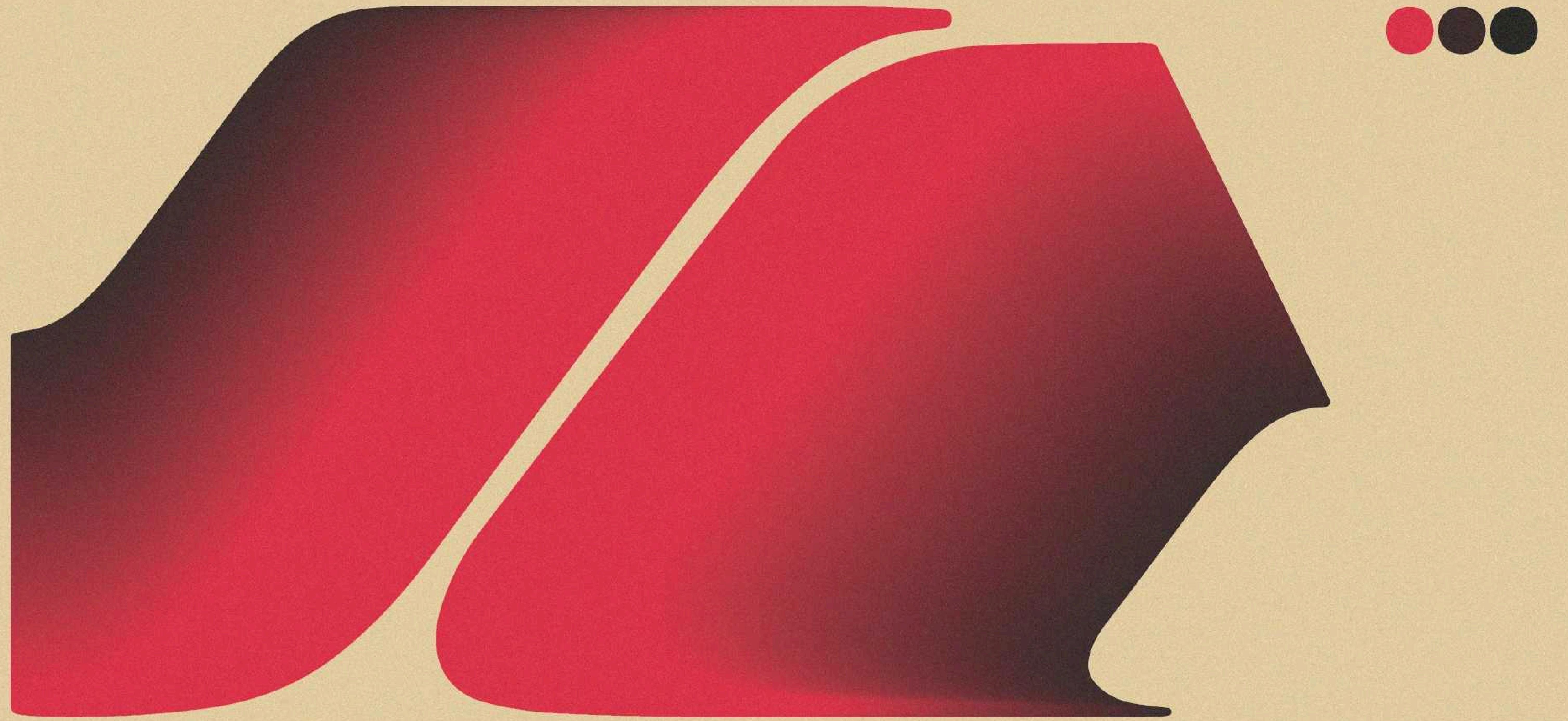
This is an app for controlling a pet food dispenser I designed.



**pt. 2**

*July 2024*

other earlier concepts.

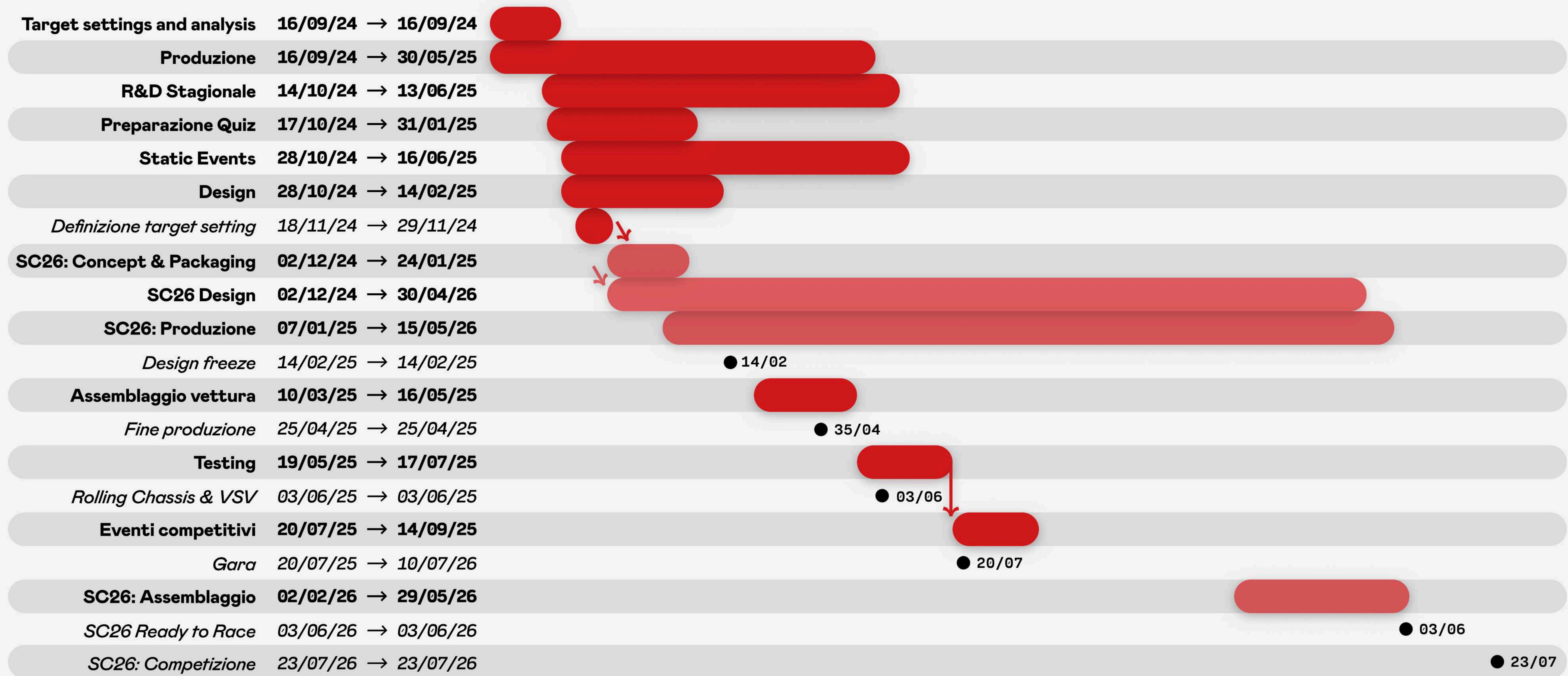


**SQUADRA  
CORSE**

PoliTO

A poster (kinda) for SC PoliTO

February 2025 - /



## Reimagined GANTT for Squadra Corse PoliTO.

January 2025

For this formula student team I've found a cool way to show this GANTT for the upcoming season. (Top secret data, do not share!)

Digital Strategy.

# Si Che Sò. Sector analysis.

[gruppo 4]  
Mariagrazia Giunta  
Niccolò Bramante  
Giuseppe Caruso  
Filippo Collino



Si Che Sò.  
Sector analysis.

## Competitors.

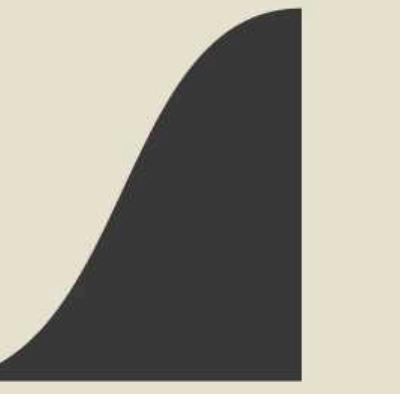
1. Smashy - Smash burgers & Fries
2. SkassaSmash
3. LATO POSITIVO Cocktail's House
4. Osteria Trattoria dal Falabräch



Si Che Sò.  
Sector analysis.

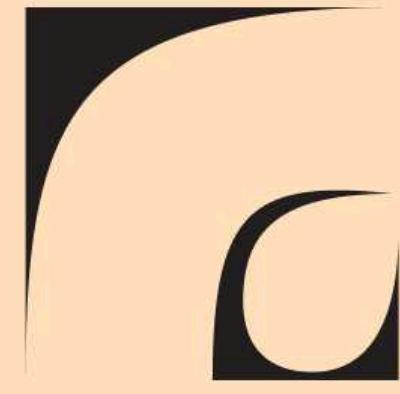
## Comparables.

1. Spizzulando Rosticceria Siciliana
2. Mamma... che Pizza!!! Torino



Si Che Sò.  
Sector analysis.

## Best and worst practices.



## Some university project cover pages.

November 2024

Our sector analysis university project needed some cool pages to introduce the various chapters, so I made these. I like these.

Mamma... che Pizza!!! Torino

17 Novembre 2024.

## Instagram.

17 Novembre 2024.

SkassaSmash

27 Novembre 2024.

## Google My Business & Maps.

276

85

# SQUADRA CORSE



RECRUITMENT  
HANDBOOK  
**2024**



The competition.  
The competition.  
The competition.  
The competition.



Erre Ti Compositi, Piobesi Torinese

## Squadra Corse PoliTO Season 2024/2025 handbook.

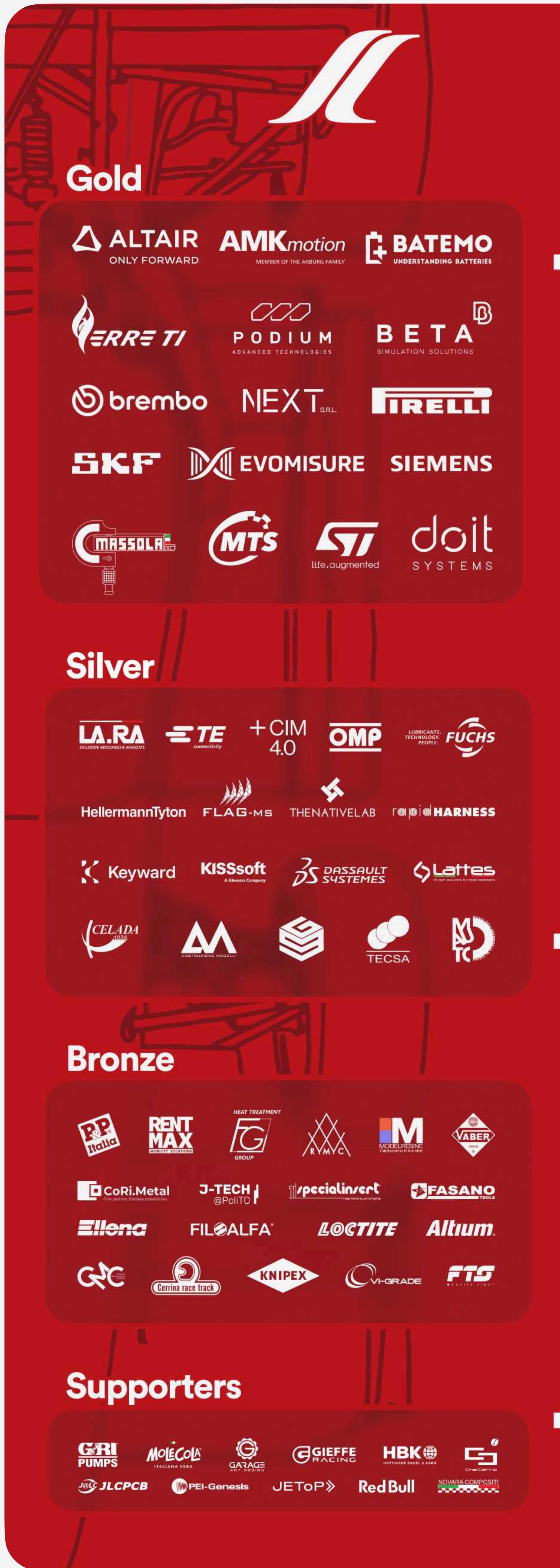
February 2024

As Communication and Media division leader of the formula student team “Squadra Corse” from Politecnico di Torino I was asked to make an handbook for the new potential team members.

It is composed of 53 pages describing everything about the team and the requirements to join it.

[squadracorsepolito.com/handbook](http://squadracorsepolito.com/handbook)

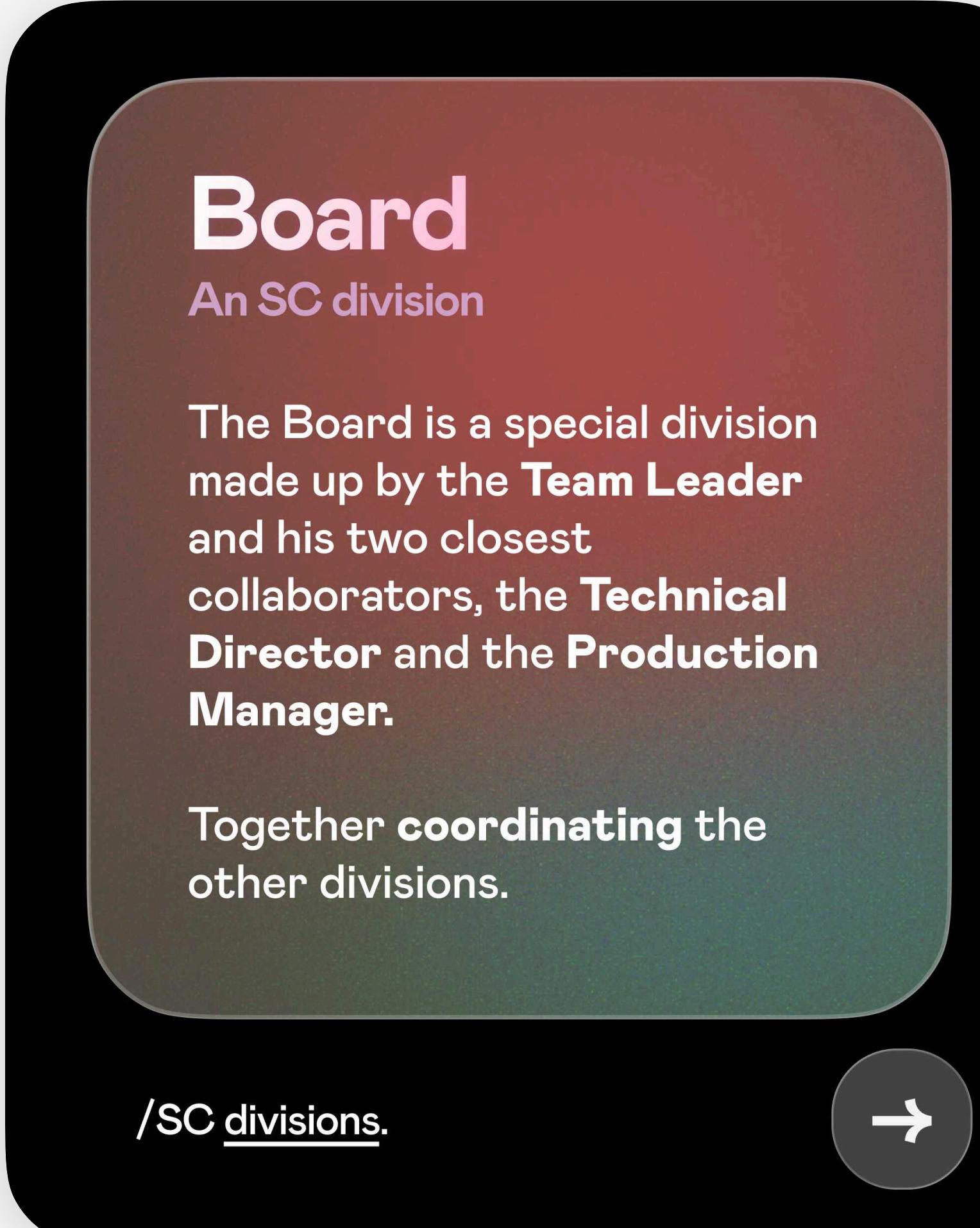
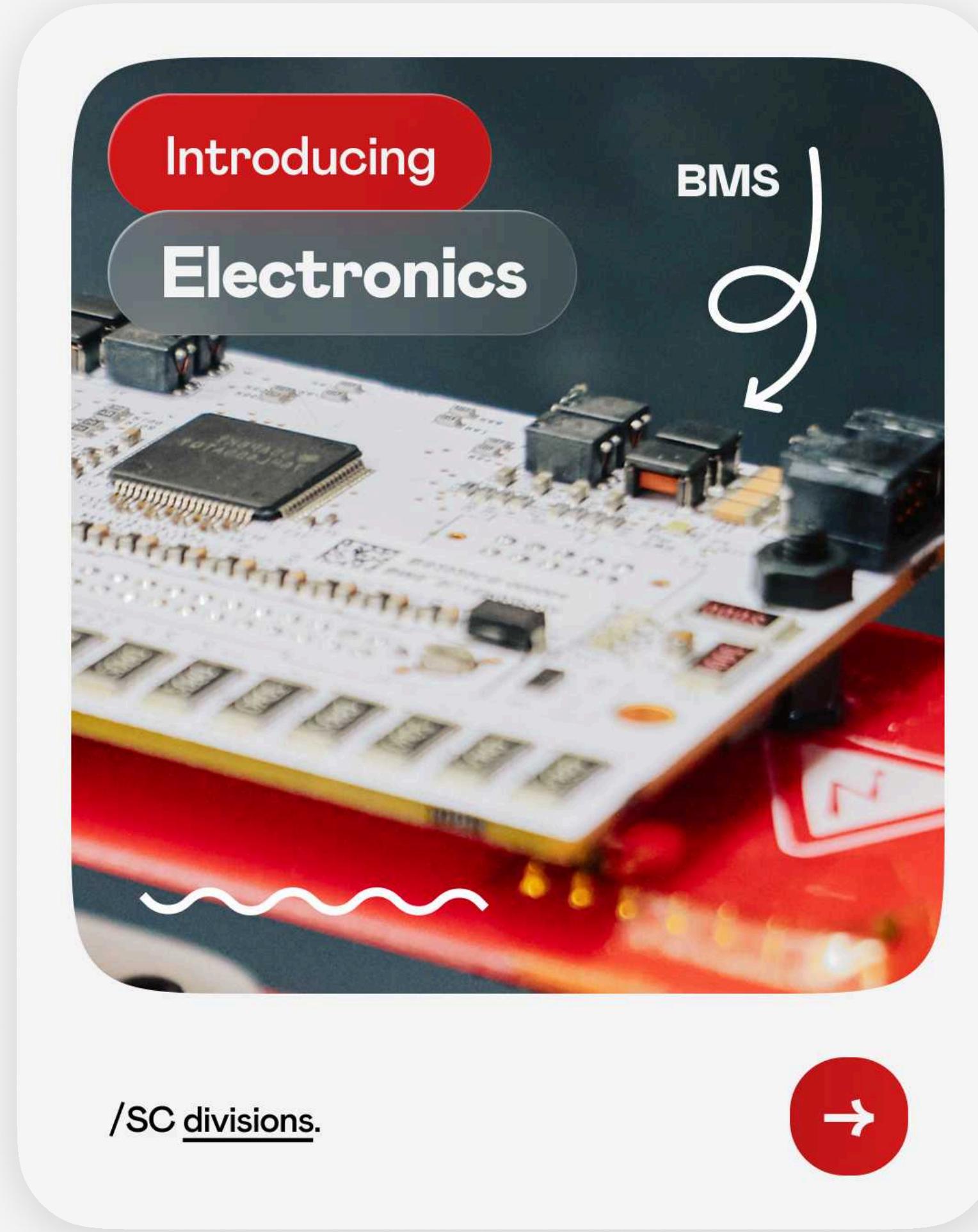
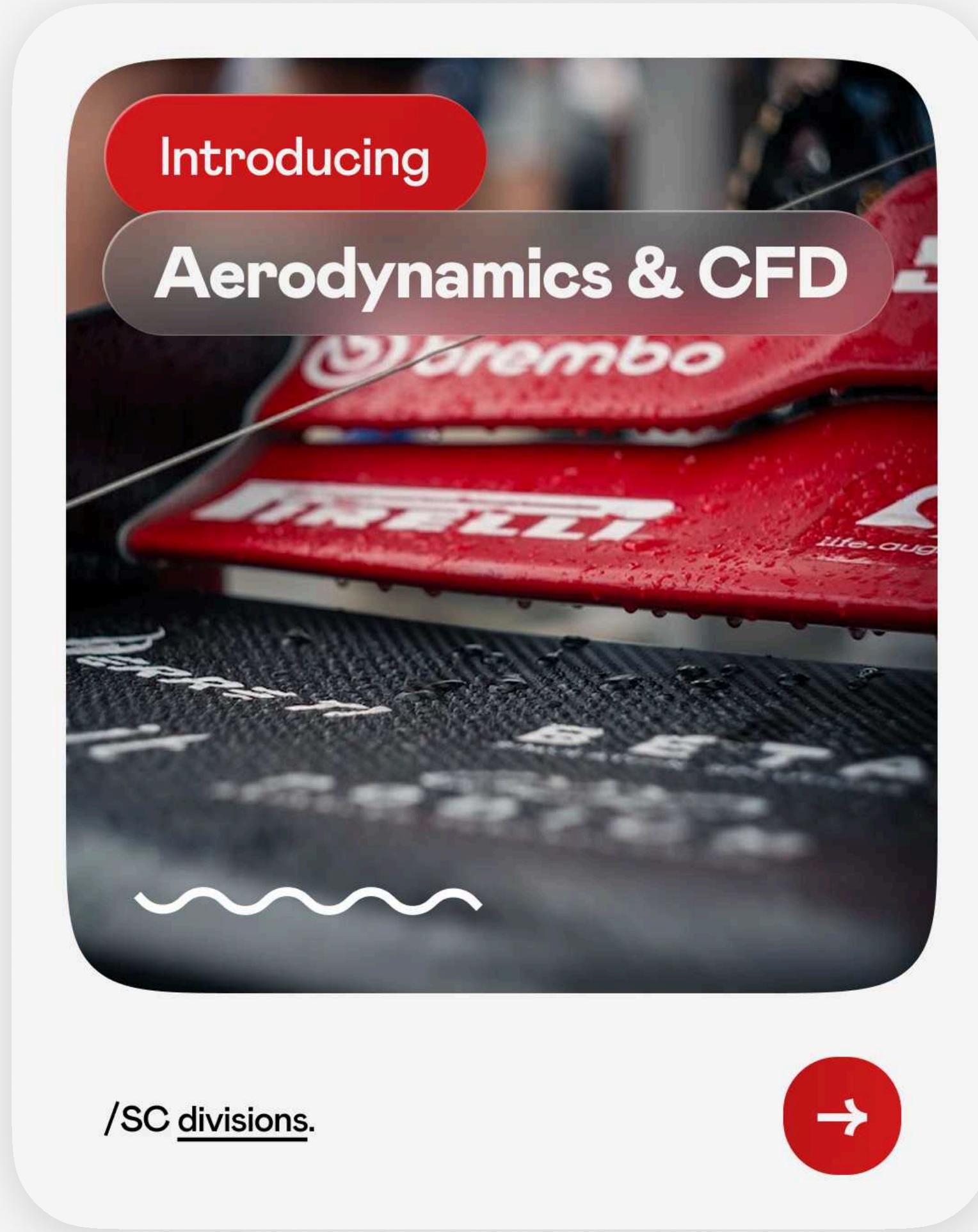
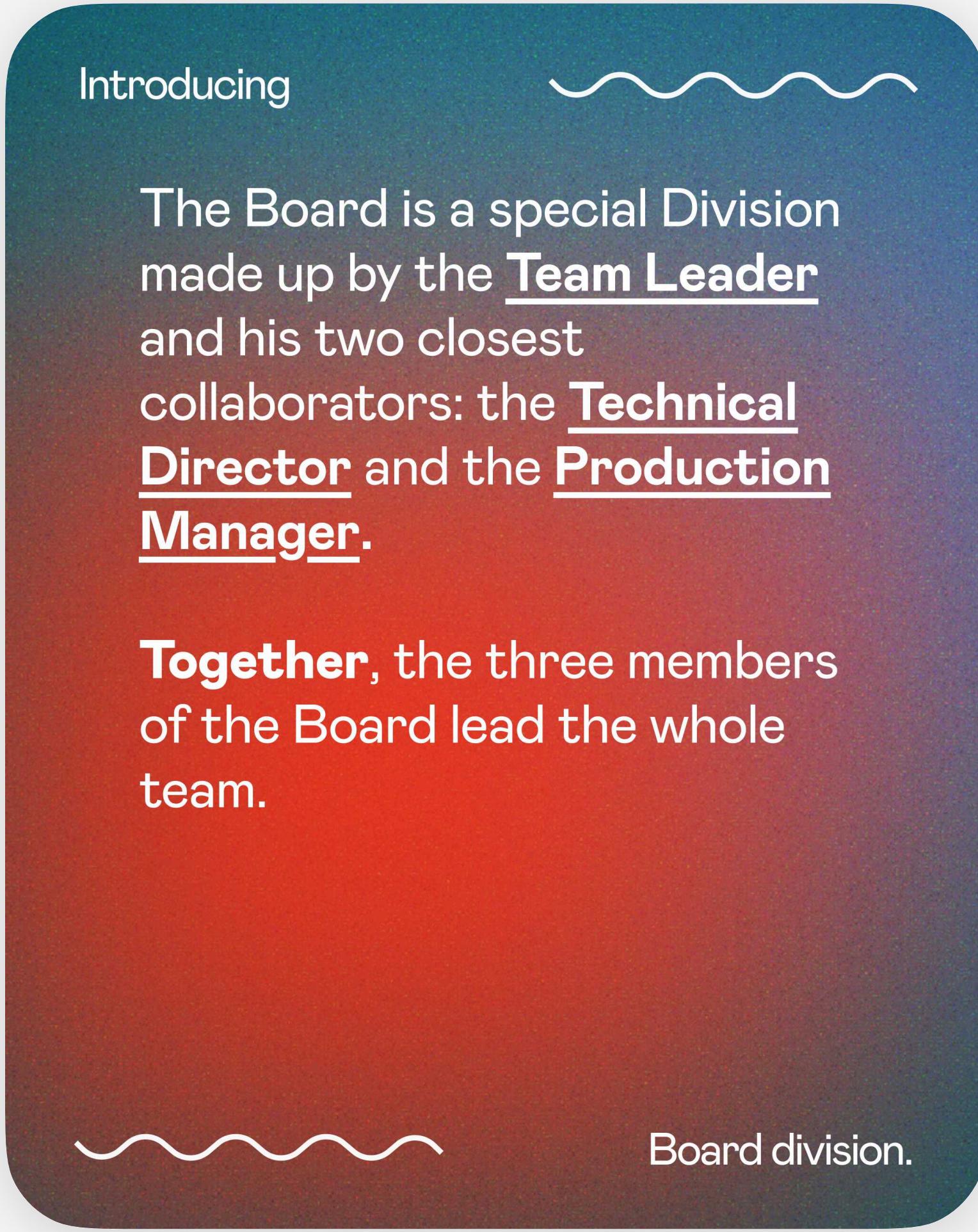
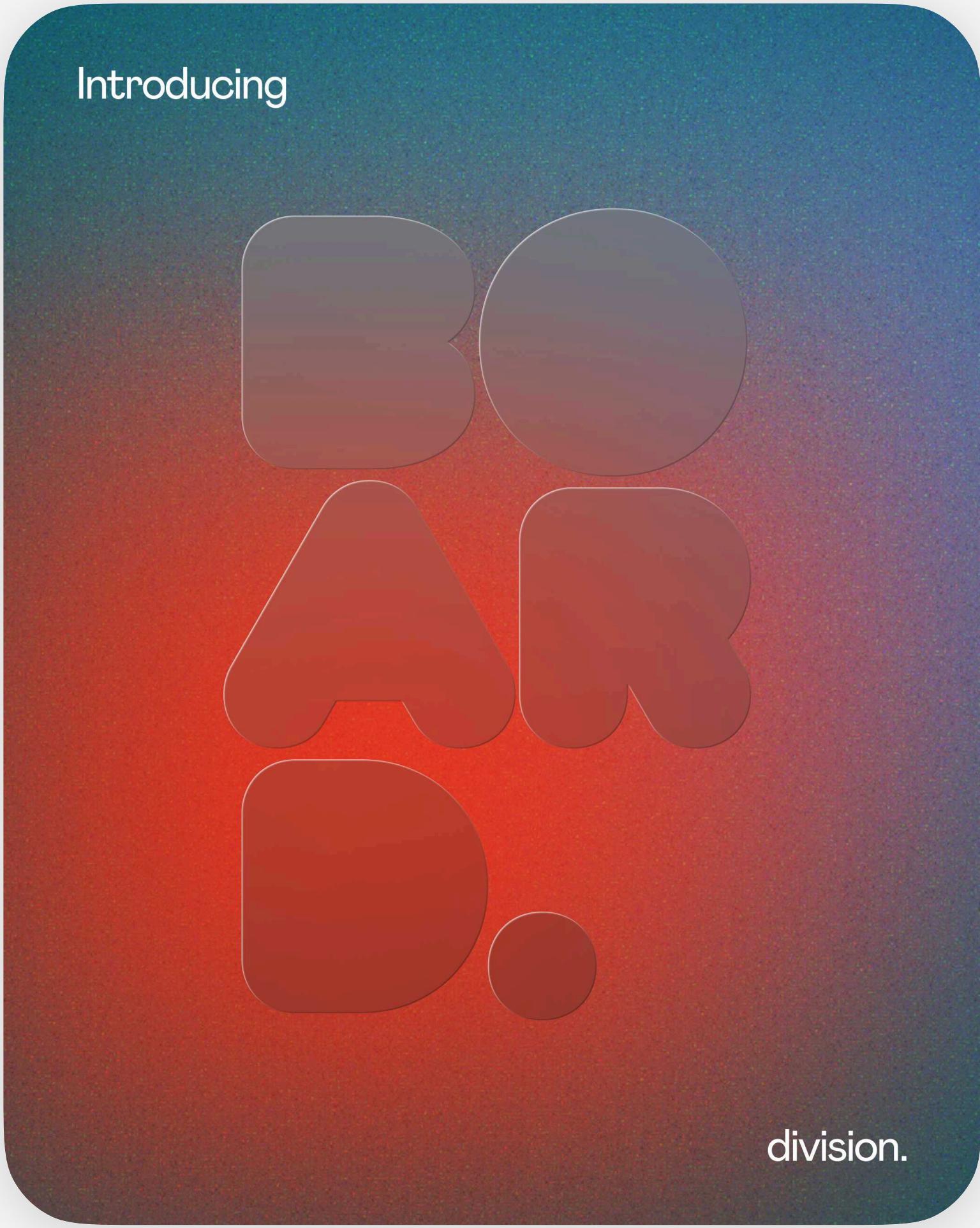
# Squadra Corse's partnerships



## Squadra Corse PoliTO rollups.

May 2024

To show our partners during several events, I made these rollups to stay in front of the team's box at Varano circuit.



## Cool instagram posts for Squadra Corse PoliTO.

Febbraio 2025

I made some posts while in SC, there are some of the latest and coolest ones.

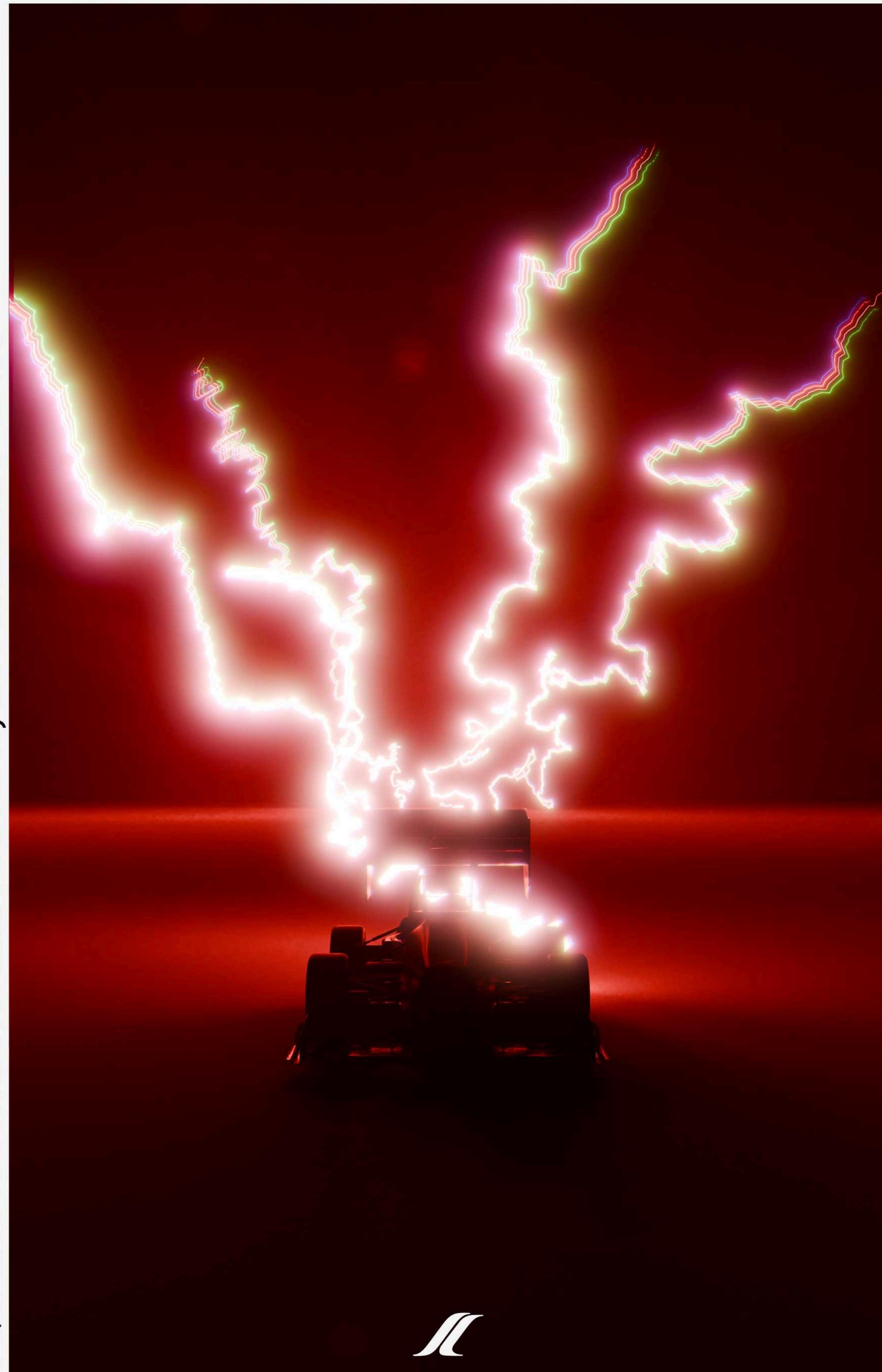
## Squadra Corse unveiling event

28 June 2024 - 17:30  
Energy Center, Via Paolo Borsellino 38, int. 16

# SEASON ROLLO OUT 2024



SQUADRACORSE UNVEILING EVENT, 28 JUNE 2024 - 17:30



ENERGY CENTER, VIA PAOLO BORSELLINO 38, INT.16

## Squadra Corse PoliTO Season 2024 rollout posters.

May 2024

The formula student team needed some posters to advertise the rollout event of the new car. These have been made in cooperation with a Communication & Media member, who made the image inside.

We're looking for **new members** for season 2025!

Open positions

Hardware.

Firmware.

Computer Science.

Controllers.

Business Plan.

Cost & Manufacturing.

Uprights & Suspensions.

Mechanical Designer.

Aero designer.

Driver.



More →

### Controllers.

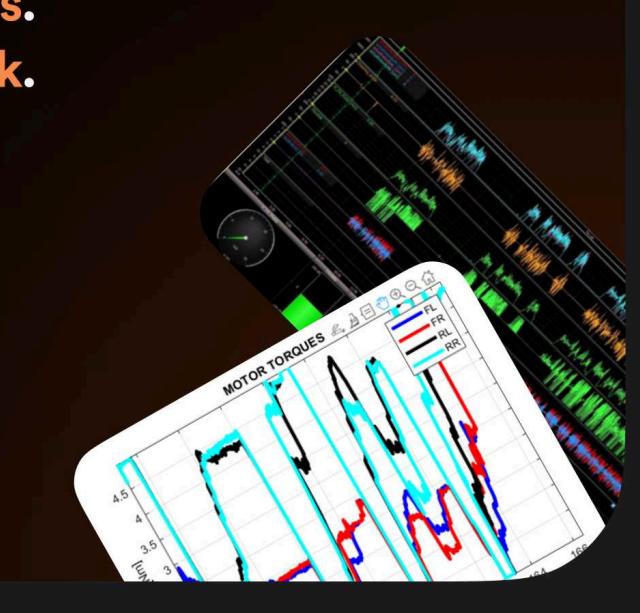
*Vehicle Dynamics division*

*Responsibilities*

- Upgrade our **launch, traction, power and torque vectoring control**.
- Test the software and driver **upgrades** in the loop with our **simulator**.
- Analyze on track **telemetry**.

*Good to know*

- Fundamentals of **Vehicle Dynamics**.
- Fundamentals of **Automatic Controls**.
- Simulink.



### Driver.

*Drivers*

*Responsibilities*

- Report your **feelings** about the car after the **driving sessions**.
- Validate models on our **simulator**.
- Push the car to the **limits** during race events.

*Good to have*

- Good **racing driving technique**.
- Basic knowledge of **vehicle dynamics**.
- Previous racing drive experiences.



### Firmware.

*Electronics division*

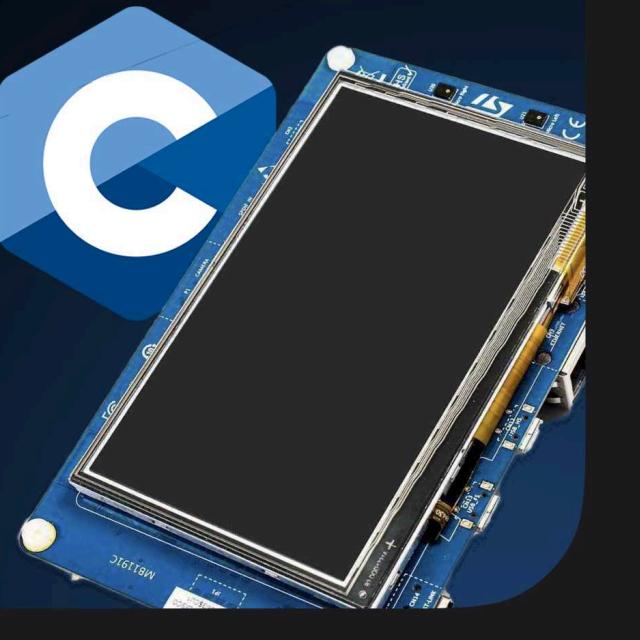
*Responsibilities*

Firmware development for every custom PCB.

Manage the communication systems inside the vehicle.

*Good to know*

- Basic **STM32** programming.
- Generic C programming.



### Hardware.

*Electronics division*

*Responsibilities*

Professional **circuits** and **PCB design** and manufacturing.

Testing and integration of **self developed** in-vehicle electronics.

*Good to know*

- Basic **applied electronics** and **circuit design**.



### Aero Designer.

*Aerodynamics division*

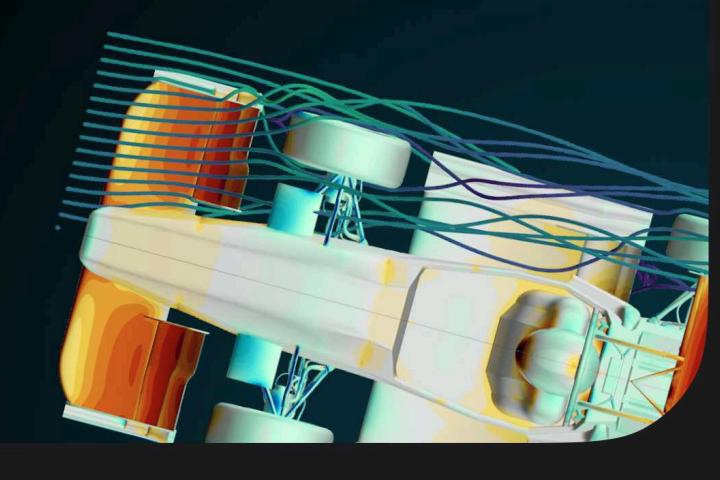
*Responsibilities*

Draw **CAD**, **simulate** and **analyze** data in order to **improve** the vehicle aerodynamic surfaces.

Cooperate with the other departments to verify the **feasibility**, **solidity**, and proper **stiffness** of a particular solution.

*Good to have*

- Good knowledge of **fluid dynamics**.
- Creativity.
- **CAD** software basics.
- Good **teamwork** skills.



### Business Plan.

*Management division*

*Responsibilities*

1. Select a **marketing plan**.
2. Write down a document.
3. **Financial analysis** showing project feasibility.
4. Static event presentation.

*Good to have*

- Public speaking capabilities.
- Good **english** level.
- Imagination and lateral thinking.
- Knowledge of **financial indexes**, market and SWOT analysis.



### Cost & Manufacturing.

*Management division*

*Responsibilities*

1. Draw a **Cost Report** of every part of the vehicle.
2. Develop the **BOM**, **CBOM** e **DBOM** together with other divisions.
3. Set up **Rollups** and **Real Case**.
4. Present the cost report during static events

*Good to have*

- Good knowledge of **production processes**.
- Cost analysis capabilities.
- Can **cooperate** with others.
- Flexibility to answering to judges questions.



### Computer Science.

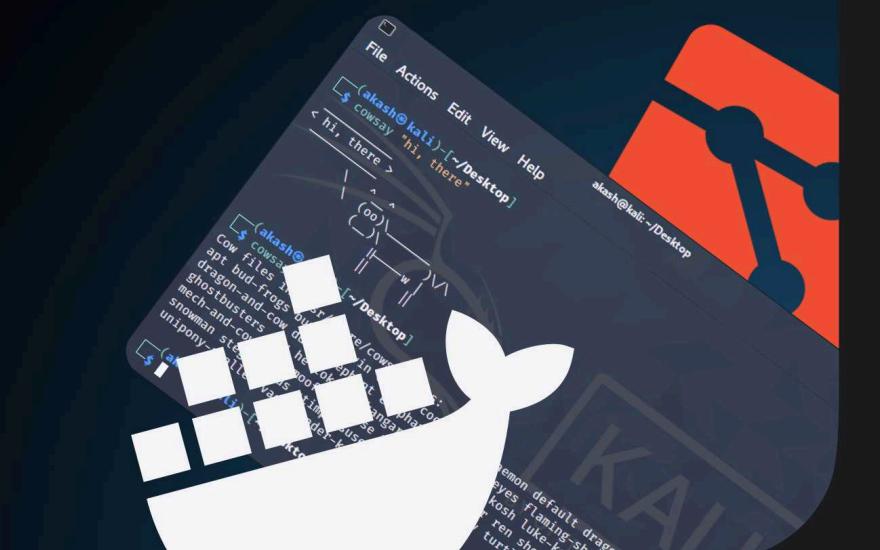
*Electronics division*

*Responsibilities*

Manage **self-hosted services**. Data **analysis** and **manipulation**. UI / Web development.

*Good to know*

- Linux.
- Scripting software.
- Knowledge of **git-like versioning tools**.



### Mechanical designer.

*Powertrain division*

*Responsibilities*

Design and analyze **battery pack** and **inverter** structures by using **CAD** and **FEM analysis**, ensuring feasibility, resistance and lightness work with composite and plastic 3D printed materials.

*Good to have*

- Skills in **mechanical design**.
- Good understanding of **materials behavior**.
- Basic knowledge of **CAD modelling** and **FEM analysis**.



### Uprights & Suspensions.

*Unsprung Masses & Geartrain division*

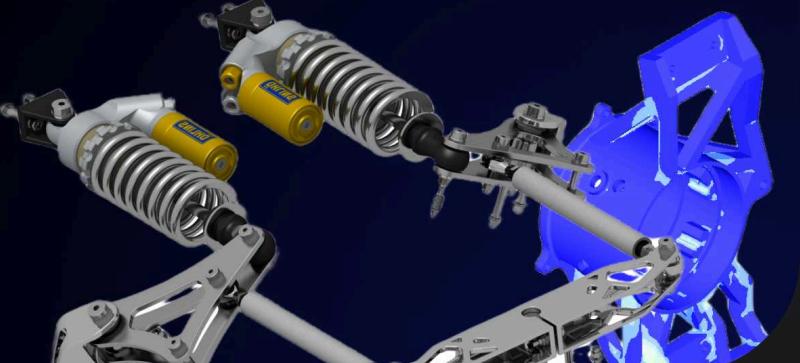
*Responsibilities*

Design and analyse **suspension system** components using FEM, ensuring **precision** and **reliability** at every step of the process.

Hands-on experience in **production**, **testing**, and **assembly**.

*Good to have*

- Skills in **mechanical design**.
- Good understanding of manufacturing processes and materials.
- Basic knowledge of **CAD modelling** and **FEM analysis**.



## Instagram stories for Squadra Corse.

September 2024

Here some stories for latest Squadra Corse 2025 members recruitment.



**Be ready.**

↓ **Season 2025 quizzes are HERE!**

10:00 FS Switzerland  
FS Portugal

12:00 FS East

14:00 FS Germany

16:00 FS Czech Republic

18:00 FS Alpe Adria

20:00 FS Austria  
FS France

A photograph of a driver wearing a white helmet and racing suit, sitting in the cockpit of a red and black Formula SAE race car. The car has the number 14 on its side. The background shows a blurred track environment.

## Squadra Corse PoliTO experimental Instagram stories.

2024 - 2025

Here some experiments for some Instagram stories for Squadra Corse Instagram account.  
*CG text integration in 1 and 2, "kind of" Glassmorphism in 3 and 4.*



# Park

**Random YouTube video thumbnail.**

*July 2024*

Just a simple and elegant thumbnail.