

*FORMULA
SAE ITALY 2022*

*July 13-17 2022
Riccardo Paletti circuit
Varano de' Melegari*

Handbook



Formula SAE Italy 2022

#FSAEItaly

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www.formula-ata.it

Formula SAE Italy is organized by
ANFIA - Associazione Nazionale Filiera Industria Automobilistica
www.anfia.it

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ALTEN, where the future takes shape

ALTEN, a world leader in engineering and technology consulting, is present throughout Italy with more than 3300 employees divided into 3 teams: Engineering, Enterprise Services and Life Sciences. As a major player in the automotive sector, we are driving innovation in the E-Traction, ADAS and Connectivity domains.



Why work with us:

- You can bring expertise and innovation to the **best car manufacturers** and suppliers in the world.
- **We develop new technologies** every single day in ALTEN technical centres, driven by ethics of sustainability.
- You can bring that value to the client's premises, from the **R&D department to Formula 1** tracks.



Don't miss the chance to join our team!

From day 1 you'll be able to become a reference figure for the client and contribute with their know-how, skills and support the growth of the latter and the achievement of their business objectives.



HandBook

Formula SAE Italy 2022

July 13th - 17th

@ «Riccardo Paletti» racetrack - Varano de' Melegari (PR)

Official Handbook

Introduction

The Formula SAE Italy 2022 will follow the official SAE rules valid for 2022. The Formula Driverless 2022 will follow FSG rules with few exceptions. The Cost event will follow FSG rules and the Business Presentation event will follow the scheme tested in 2021 edition and shared with FS Austria. The additional regulations, valid for the Italian event, are the ones reported on the official Formula ATA web site (www.formula-ata.it under the "Information & Rules" section).

These guidelines are written with the only purpose to help competitors and guests during the event. In case of doubt, please refer to the event officials. Please remember that motorsport can be dangerous, take always the maximum care during the entire event.

Formula SAE is an educational event where all the students have the possibility to learn while having fun.

Formula SAE Italy is organized by



In collaboration with



In case of emergency

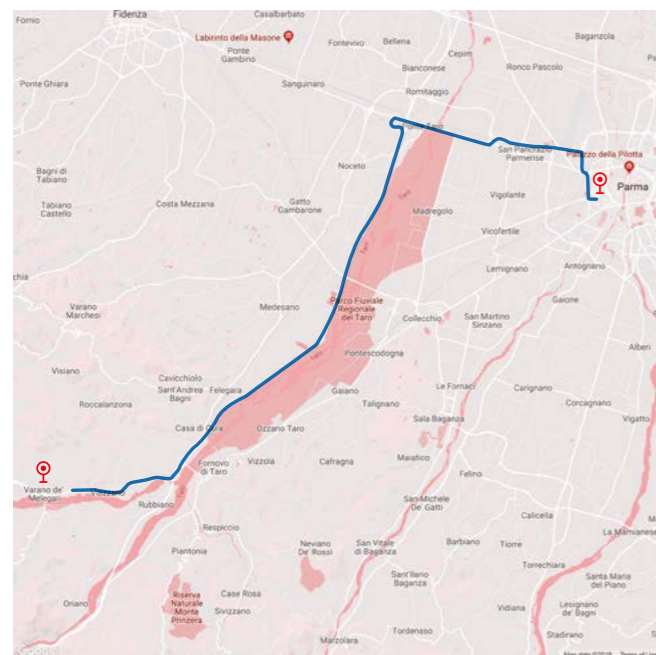
In case of any emergency situation please refer to the officials/staff. During the dynamic events ambulance will be on site. In case of need, ask someone with a two-way radio.

In case of an emergency outside the event, call 112. This number is free of charge and works with both mobile and coin telephones.

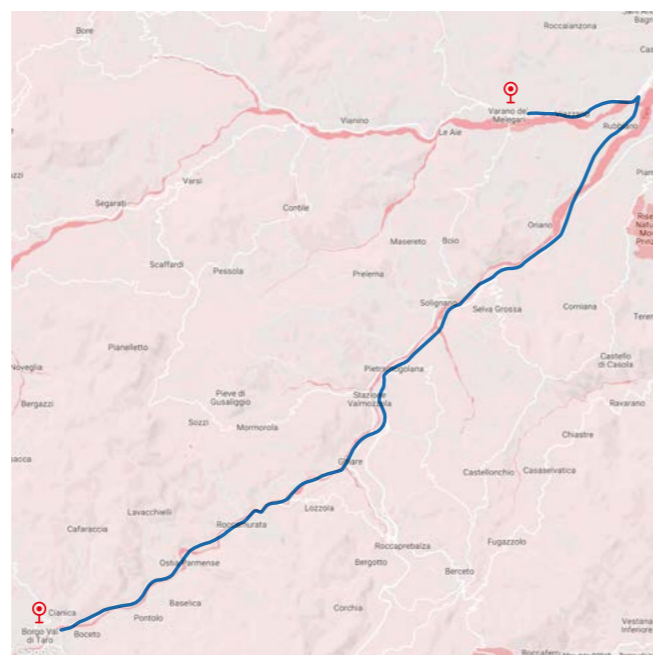
Useful phone numbers are the following

General Emergency Number	112
Carabinieri Fornovo Taro office	+39 0525 2114
Parma Hospital	+39 0521 702111 - 703111
-First aid service:	+39 0521 703084
Borgo Taro Hospital	+39 0525 9701
-First aid service:	+39 0525 970216, ext. 4216

Parma Hospital direction



Borgo Val di Taro Hospital direction



COVID PROTOCOL

In the absence of specific Covid19 pandemic restrictions set by the Italian Government for the open-air events, the organizing committee of Formula SAE Italy decided only to make a series of hand-sanitation available for all the participants within the circuit. Moreover, to safeguard all participants' health, FSAE Italy officials will avoid people crowding during indoor meetings.

WHAT SHOULD I DO IN CASE OF ELECTRIC SHOCK?

- Call for medical help. Ambulances are onsite for medical assistance.
- Push one of the emergency shutdown buttons and wait until the TSAL (Tractive System Active Light) is green. Don't act if light is red or turned off.
- Try to speak with the wounded and ask him/her about his/her health.
- Insulate yourself if you must move a wounded away from a live contact - wear dry gloves or cover your hands with cloth and cover potential contact paths with the car with the HV isolation blanket.
- Watch your step to make sure that you do not slip or fall when trying to move the wounded.
- Do not move the wounded if there is a possibility of neck or spinal injuries unless it is absolutely necessary (for example from a path of live current).
- Cover burns with a sterile dressing. On the surface, electrical burns may not look serious, but the burn can be severe deeper in the tissue.
- Keep the wounded comfortable, warm and at rest, and monitor breathing.



Organizing Committee

Steering Committee



Claudio Annicchiarico
Head of Formula Driverless



Giampiero Brusaglino
Electric Technical Manager



Paolo Mario Coeli
Formula SAE Italy Director of Operations



Anna Maria Costa
Event Organization



Raffaele Fregonese
Formula SAE Italy Director



Miriam Gangi
Event Organization and Communication Manager



Anja Hermann Praturlon
Head of Dynamics



Silvio La Tassa
Head of Mechanical Inspections



Francesco Laviola
Head of Formula Electric Italy



Selene Migliaccio
Event Organization and Responsible for relations with the teams



Roberto Prete
Safety Manager



Francesco Ristori
Head of Formula Driverless Dynamics



Massimo Rosaschino
Dynamics Logistic Manager



Claudia Rossi
Event Organization - Paddock manager



Mariangela Sciorati
Event Organization and Communication

Executive Committee



Giorgio Brunelli
Dynamics Security Responsible



Piero Ciadamidaro
Scoring Responsible



Giacomo Danisi
Head of Design Judges



Carlo Giorgioni
Head of Cost Judges



Enrico Rebaudo
Business Presentation Manager



Nicola Rizzini
Volunteers Coordination Responsible



Valentina Temporelli
Business Presentation Manager

Media Group



Daniele Bottallo
Photographer



Fabrizio Giuliano
Video Maker



Andrea Napolione
Social Media Manager



Giuseppe Pagano
Video Maker



Giorgio Perottino
Photographer



Giorgia Pizzitola
Social Media Manager Junior

ARE YOU READY FOR BREMBO?

Are you ready to demand the utmost from your performance?
Visit Brembo at Formula SAE Italy, Formula Electric Italy & Formula Driverless.



Design Event Committee

ANNICCHIARICO CLAUDIO	Meccanica 42 - Chief Executive Officer
ANZIOSO FRANCO	Free2Move e-Solutions - Public Funding & Strategic Product Planning Manager
BADIA TIZIANO	Silk-FAW Automotive Group Italy Srl - Head of EE Architecture & SW Integrations
BALLOTTA GIACOMO	Dallara - Vehicle dynamics and performance engineer
BARDOCCI GIACOPO	Automobili Lamborghini - Engineering Project Manager Huracán Product Line
BARSACCHI SAMUELE	Automobili Lamborghini - Mechatronic system developer R&D chassis
BASILICI MARCO	Centro Ricerche Fiat - Specialist Advanced Simulation
BRUSAGLINO GIAMPIERO	Electrical Vehicle Expert
CALDERINI DANIELE	Dallara - Vehicle Dynamics Engineer
CAMPANALE CARLO	Maserati - GT/GC BEV Propulsion System Chief Engineer
CANNATA DAVIDE	Pirelli Tyre - Tyre and Vehicle Dynamics Engineer - Motorsport
CERIELLO GIOVANNI	DTS - virtual and bench validation manager
CINÀ ALESSANDRO PIETRO	Stellantis - Vehicle Dynamics - Performance Leader Jeep, Alfa, Fiat, LCV
CIPELLI MARCO	Dayco - Testing Manager
COELI PAOLO	Stellantis - EE - Regional Planning - Cross-Carline & Diversity
COLOMBO MAURIZIO	Automotive Expert
CONCARI NANDO	Dallara - Project Manager
CONTARDI MATTIA	FPT Industrial - IVECO Group - Electrified Powertrain Control & SW
DANISI GIACOMO	Danisi Engineering - Chief Executive Officer
DANNA FABIO	Italdesign Giugiaro - ADAS and Autonomous Driving team coordinator
DE VITA LUCA	ANFIA - Technical & Regulatory Affairs Area
DI VINCI ANDREA	Eatron Technologies - Business Manager
ESPOSTO DANIELE	Dayco - Testing Supervisor
ESPOSTO FILIPPO	DTS - product Engineering Staff
FARRUGIA MARIO	University of Malta - Associate Professor, Mechanical Engineering
FERRARA FERDINANDO	Stellantis - EE Production Execution South Europe manager
FERRERO LAURA	Icona Design Group - Business Developer
FOSSI ALESSANDRO	Automobili Lamborghini - Electric Drive System Engineer - R&D Powertrain
FREGONESE RAFFAELE	Maserati - Propulsion Systems - Electrified Architecture - Charging Systems Architecture Responsible
GAMBERINI GIORGIO	Italdesign-Giugiaro - Business Development Director
GIAMPIERI GIANOBERTO	Stellantis - Lead AI software engineer - prediction & planning for AD
GIANSETTO GIACOMO	Casetto - Technical Office Manager
GUCCIONE STEFANO	Automobili Pininfarina - Head of e-Powertrain Architecture and Integration
LAVIOLA FRANCESCO	Punch - Control Development Workgroup Leader
LILLI FRANCESCO	Stellantis - Automotive Research And Advanced Engineering - Global Head Of Advanced Connectivity
LODIGIANI FEDERICO	Dallara - Automotive Designer in Dallara
LOMBARDI EMANUELE	Stellantis - EE Family Manager GSE TC
LUCÀ STEFANO	Stellantis
MACERATINI ROBERTO	FPT Industrial - IVECO Group - Electrified Powertrain - System Development Manager
MASUCCI ANTONIO	Maserati - Vehicle engine reliability responsible - High performance engines
MIGLIACCIO GUIDO	Stellantis - Pomigliano Technical Center - Head of Testing and Analysis Operations
MIRABELLA VALENTINO	Stellantis - Vehicle Dynamics Virtual Analysis Engineer
MONTI FRANCESCO	Podium Advanced Technologies - CEO
NOVATI NICOLÒ	Pirelli Tyre - Testing Engineer - Motorsport
PRIMON ALFREDO	Centro Ricerche Fiat - Advanced BMS & function design leader
RANCAN CARLO	Robert Bosch - Functional Safety engineer
RICCI CLAUDIO	Danisi Engineering - Head of AVD (Advanced Vehicle Dynamics)
RICCIARDI FRANCESCO	Bylogix - CEO
SACCHI MATTEO EUGENIO	Stellantis - Vehicle Dynamics - Global performance specialist
SANTOPIETRO VINCENZO	Stellantis - Manager of AI Data Management for Autonomous Driving
SAVIO WALTER	Centro Ricerche Fiat - TC South Europe - Electromagnetic Compatibility Lead
SEGATORI DAVIDE	Dallara - Automotive Designer
TAMPOLLI RAFFAELE	Tampolli Engineering - Race Cars Manufacturer
TOSO ANDREA	Dallara - Director of Academic and Cultural Programs
TROIANO FRANCESCO	Alten - Couch Business Manager
VETRANO ANTONIO	Stellantis - Global Small Gasoline Calibration and Applications Manager
ZAHARIA DANIELE SIMONE	Maserati - South Europe Powertrain System Engineering Leader

Cost Event Committee

ACTIS ENRICO	Dayco - Plant Purchasing Manager and Global Commodity Manager
ANAND ARNAV	RWTH - Aachen
BERTOLINO LUCA	Dayco - Purchasing - Direct Materials Senior Buyer
BOSCHETTO CARLOS	Dallara - Junior Design Engineer
BRONTSCH DANIEL	Formula Student Germany - Cost Event - OT
CACOPARDI ALDO	Doc Finance - Head of marketing
CEGLIA ANTONIO	Maserati Integration - Engineer
CLEMENTE GIOVANNI	RONAL Group - Technical Project Manager
DONDO PAOLO	Polo Mesap "Smart Products and Manufacturing" - Technical Manager
GIRIMONTE MARIANGELA	CNH Industrial - Product Development Purchasing Specialist
GIORGIONI CARLO	Head of Cost Judges
JURAIC MATJIA	Rimac Technology - Manufacturing Technologist
LAMORTE AGNESE	Johnson Controls - Regional Business Development Manager
LEUCCI CRISTIAN	Stellantis - VE - Thermal Management
LOPARCO DENIS	Marelli - VAVE Methods & Tools Manager - Global Operations - Engineering Excellence
MONEGATTI MARCO	DALLARA - Cells specialist
MULE' LETIZIA	ELDOR - Project Manager
NAPOLI GIUSEPPE	Bercella - Process Engineer
PAREO DOMENICO	Aptiv - Electric Distribution System Application Engineer for Ferrari
PICCOLILLO DENIS	Dallara - Mechanical Design Engineer
PINTO VALERIO	BOSCH CVIT - Bari - R&D Powertrain Solution
PRATI GIOVANNI	DALLARA - CONTROLLING ANALYST
RUSSO DAVIDE	Stellantis - Design System Engineer for P0, P2 MGU - Electric Drive Systems - Propulsion Systems
SCARANGELLA FILIPPO	System engineer
SCICUTELLA NICOLA	FPT - U Non Road Emission Regulation and Certification Specialist - Technical Certification and Compliance
SCOTTO ANNALISA	Capgemini - Vehicle Dynamics Engineer
SULEMAN SHALOM	Beamit - Quality Assurance Specialist
TOPINI GIACOMO	Automobili Lamborghini - Motorsport Procurement
TREMAMUNDO FILIPPO	Stellantis - R&D Manager - EMEA & Maserati Investment
TRUMBIC NIKO	Rimac Technology - Gearbox Development Engineer
WILLIAMS DOMINIC CARL	DALLARA - Design Team Leader

Business Presentation Event Committee

ALBIERO GIANCARLO	ANFIA - Aftermarket and Motorsport Area
AMENDOLARA ALESSANDRO	Robert Bosch - Technical Calibration Leader (PS-EC/EBC5)
APPROSIO ANGELICO	SKF - Senior Application Engineer Expert
ASSETTATI GIOVANNI	Italdesign Giugiaro - ULSP Project Manager
BASSI ALBERTO	Dallara - Dallara Academy Coordinator
BONADIO GIULIA	Salesforce - Strategic Account Executive, Marketing Automation - ESMB Italy
CASTO GIUSEPPE	ANFIA - Automotive Data Analyst - IT Responsible
CROWLEY MONICA	Audi - Project & Process Manager -PL MQB
DEBERNARDIS ANDREA	ANFIA - Head of ANFIA Components Group
D'ERRICO GIUSEPPE	Stellantis - BCI South Europe Technical Operation Manager
DONATO SILVIO	ANFIA - Automotive Data Analyst
GARZULLI SERENA	ION Trading - Business Analyst
GRASSI LUCA	Danisi Engineering - Key Account Manager
HELUENI NATALIA	Free2Move eSolutions - Communication & Marketing team
LOIODICE CINZIA	Bricks4Kidz - Country Head
MUSI FRANCESCA	Free2Move eSolutions - Product Planning
NEGRINI STEFANO	Yousign - Key Account manager
RABEL FRANZ	AVL - Head of FSA Business Event
REBAUDO ENRICO	Vitesco - Director CC Stellantis
REGGIANI ANDREA	Dallara Stradale - Head of Sales
ROMITO ALESSIO	Dallara - Digital Innovation Specialist
SALERNO ANDREA	Dallara - Mechanical Designer
SANTANTONIO ILARIA	Vitesco - Sales Manager
SPERANTI MAURIZIO	Altair - Vice President, Stellantis Global Account Management and Italy Automotive operations
TARDITO MARCELLO	ZF Sachs - Project Manager in ZF Race area
TEMPORELLI VALENTINA	Landi Renzo - Global OEM Sales & BD Director

Formula SAE Italy 2022

Sponsor Special Awards



Award for the best Car/Resources balance
Award presentation by a Dallara executive spokesperson

- Trophy
- Cheque of € 750



Know How, Agility and Problem Solving

Award presentation by Rosario Radice, Erre Technology Group CEO & Founder

- Trophy
- Cheque of € 750
- The awarded team will win a training internship for one of its members



Award for the best bolted joints

Award presentation by a Gruppo Fontana executive spokesperson

- Trophy
- The awarded team will win a visit to the company



Podium Advanced Technologies Best Battery Award 2022

Award presentation by Francesco Monti, CEO of Podium Advanced Technologies

- Cheque of € 1,500

To the team who did the best job in putting together all the battery system project requirements and constraints and developed the most innovative battery system concept.



Electronics development process: innovative controls, methods and architectures award

Award presentation by Natale Gentile, Country Industry Manager Automotive, and Alberto Bertone, Sr. Technology Excellence Leader

- Trophy + Intrepid Control Systems innovative tools for engineers in the vehicle networking, testing and embedded engineering fields

Special Awards



Most Friendly Team

Trophy

Best Class 1C Classified in the Cost Event

Trophy

Best Class 1D Classified in the Cost Event

Trophy

Best Class 1E Business Presentation Event

Trophy

Best Class 1 C Design Winner

Trophy

Best Class 1E Classified in the Cost Event

Trophy

Best Class 1C Business Presentation Event

Trophy

Best Class 1D Business Presentation Event

Trophy

Best Class 1 D Design Winner

Trophy

Other Special Awards



Best Class 1E Design Winner

Trophy

ANFIA Special Award (for Italian students only)



Type-approve your FSAE Italy car

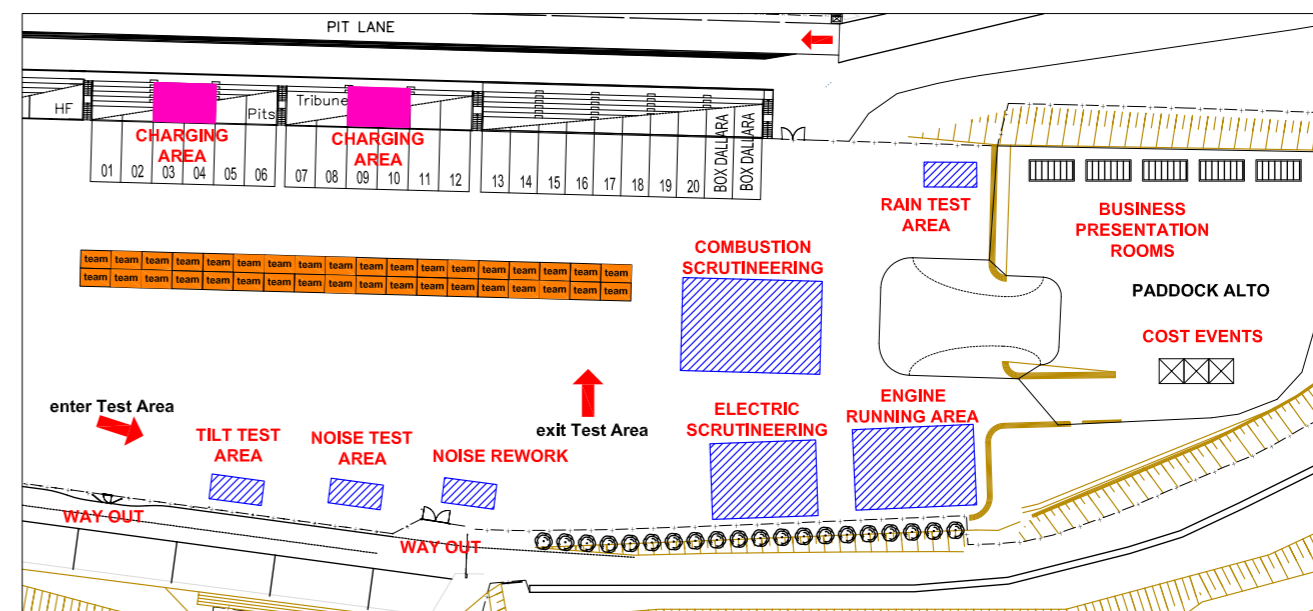
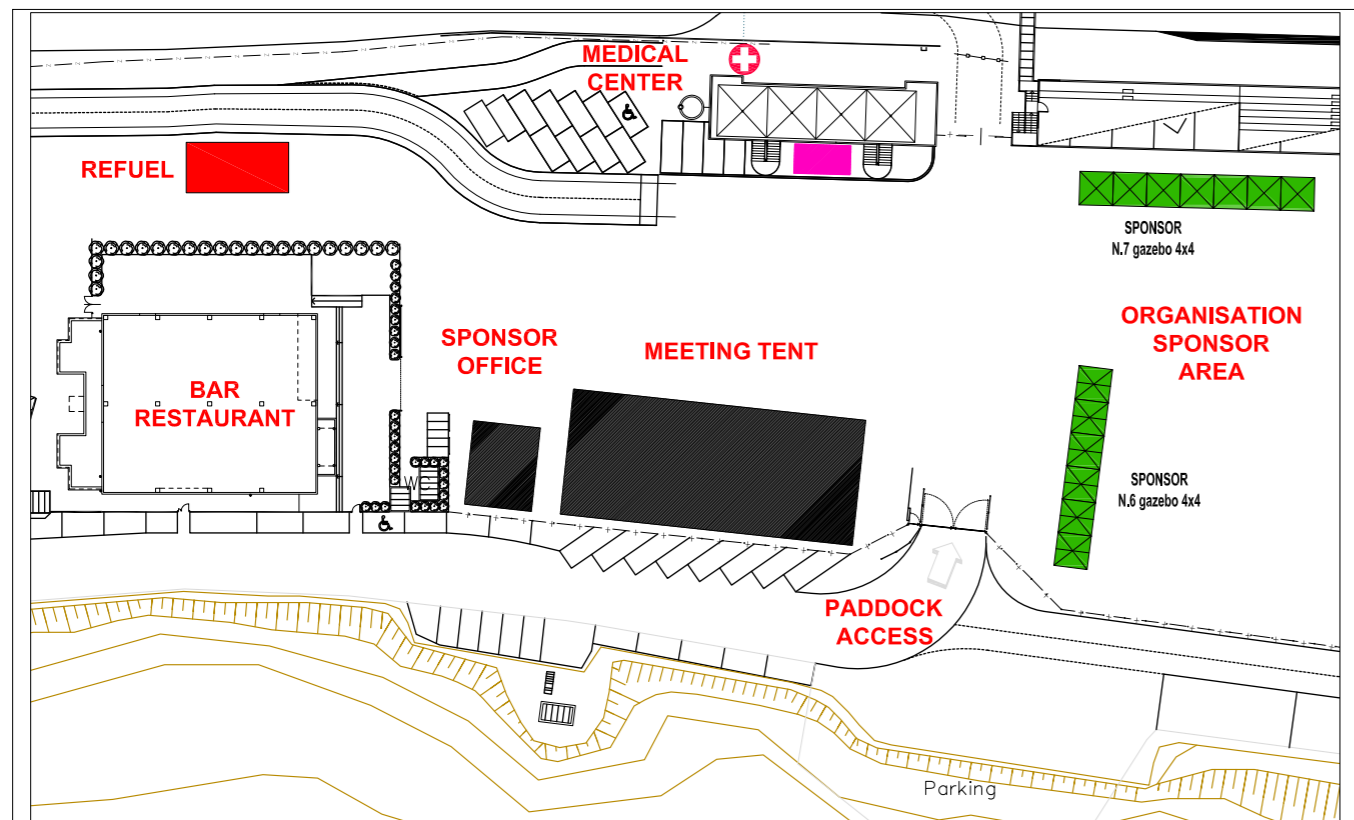
Award presentation by a representative of ANFIA

Cheque of € 500

To the best document (delivered by 30th June 2022) describing the EU legislation about type approval of vehicles, imagining to have to type-approve one's FSAE Italy car. The documents are judged by Alberto Musso, Responsible of ANFIA Technical and Regulatory Affairs Area and Chairman of the OICA Technical Committee.

Application to ANFIA Technical and Regulatory Affairs Area - Extracurricular paid internship of 6-9 months (Vehicle Automation & Cybersecurity) starting in October 2022: for all students that delivered the document. First 15 minutes selection meeting (in English) during Formula SAE Italy (on Thursday, July 14 or Friday, July 15), with Alberto Musso; second meeting, in Italian (in presence at ANFIA Headquarters in Torino or remotely) in September 2022.

Site Plan



teoresi
2022
TEORESISPECIALAWARD

teoresigroup.com
ITALY | USA
SWITZERLAND
GERMANY

TEORESI is rewarding the best talents that stand out in the field of

ELECTRONICS DEVELOPMENT PROCESS:
INNOVATIVE CONTROLS, METHODS AND ARCHITECTURES AWARD

during the FSAE Italy event
13/17 July
2022



TO THOSE WHO DARE PLAN THEIR FUTURE THINKING LONG-TERM

Synergie Italia Employment Agency has always been promoting research, selection, training and recruitment of the most important of all capitals for a company: the human one.



Facebook, Instagram, LinkedIn icons and @synergieitalia

Discover Synergie



Official Schedule *(This programme could be subject to changes)*

Tuesday, July 12

- 15:00 - 19:00
- Camping Check-in @ Camping

Wednesday, July 13

- 08:30 - 12:00
- Camping Check-in @ Camping
- 08:30 - 13:00
- Registration for all Classes, Team Leaders, Faculty Advisors, ESO/ASR and Drivers Registration @ Registration Office, Pit set up
 - Energy Meters Delivery @ Registration Office
 - Registration for Volunteers, Technical Inspectors and Staff @ Registration Office
- 10:30 - 11:30
- Briefing Volunteers & Technical Inspectors @ Meeting Tent
- 13:00 - 14:30
- **Lunch Break***
- 14:00 - 19:00
- Registration for all Classes, Team Leaders, Faculty Advisors ESO/ASR and Drivers Registration @ Registration Office, Pit set up
 - Energy Meters Delivery @ Registration Office
 - Registration for Volunteers, Technical Inspectors and Staff @ Registration Office
- 14:30 - 16:30
- Alten Recruitment Meeting @ Alten expositive Area
- 14:30 - 19:00
- Technical Inspections 1C/1D/1E @ Scrutineering Area
- 19:30 - 20:30
- Team Leaders Briefing @ Meeting Tent
- 21:00 - 21:45
- Opening Ceremony (with ANFIA presentation)
- 21.45
- Welcome Party offered by Varano Proloco @ Paddock alto
- 22:00
- **Site Closes**

Thursday, July 14

- 07:30
- **Site Opens**
- 08:00 - 10:00
- Drivers, Faculty Advisors & ESO/ASR Registration @ Registration Office
 - Registration for Volunteers, Technical Inspectors and Staff @ Registration Office
- 08:00 - 08:30
- Energy Meters Delivery @ Registration Office
- 09:00 - 13:00
- Briefing Volunteers & Technical Inspectors @ Scrutineering Area
- 09:00 - 13:00
- Technical Inspections 1C/1D/1E @ Scrutineering Area
- 09:15 - 9:45
- Tilt, Noise & Rain Tests 1C/1D/1E @ Scrutineering Area
- 10:00 - 13:00
- Business Presentation judges briefing @ Business Presentation Rooms
- 10:00 - 13:00
- Business Presentation Event (All Classes) @ Business Presentation Rooms
- 12:00 - 13:00
- Cost judges briefing @ Meeting tent
- 13.00 - 14.30
- **Lunch Break***
- 14:30 - 16:30
- Alten Recruitment Meeting @ Alten expositive Area
- 14:30 - 19:30
- Cost Event (All Classes) @ Pits
- 14:30 - 19:30
- Business Presentation Event (All Classes) @ Business Presentation Rooms
- 14:30 - 19:30
- Technical Inspections 1C/1D/1E @ Scrutineering Area
- 14:30 - 19:30
- Tilt, Noise & Rain Tests 1C/1D/1E @ Scrutineering Area
- 19:30 - 20:30
- Business Presentation Finals 1D @ Meeting tent
- 20:00 - 20:30
- Tablet users Briefing @ Business Presentation Rooms
- 20:30 - 21:00
- Design judges briefing @ Meeting Tent
- 21:00
- Judges Welcome Cocktail Party
- 21:00
- **Site Closes**

Friday, July 15

- 07:30
- **Site Opens**
- 08:00 - 12:00
- Battery Charging Class 1D/1E @ Charging Area
- 08:00 - 08:30
- Briefing Volunteers & Technical Inspectors @ Scrutineering Area
- 08:00 - 08:20
- Design judges registration and photo @ Registration Office
- 08:20 - 08:40
- Design judges Briefing @ Meeting Tent
- 08:30 - 12:30
- Technical Inspection 1C/1D/1E @ Scrutineering Area
- 09:00 - 12:30
- Brake Test 1C/1D/1E @ Brake Test Area
- 09:00 - 12:30
- Tilt Noise and Rain Tests 1C/1D/1E @ Scrutineering Area
- 09:00 - 13:00
- Business Presentation Event 1C/1E @ Presentation Rooms
- 09:00 - 13:00
- Cost Event (All Classes) @ Pits
- 09:00 - 13:00
- Design Event 1C/1E @ Pits
- 09:30 - 12:30
- Engine Running Area Open @ Scrutineering Area
- 09:30 - 12:30
- Emergency Brake Test 1D @ Straight before the hairpin
- 09:30 - 12:30
- Design Event 1D/3 @ Pits
- 09:30 - 12:30
- Practice Area 1C/1E @ Practice Area
- 10:00 - 12:00
- Alten Recruitment Meeting @ Alten expositive Area
- 13:00 - 14:00
- Drivers Briefing @ Meeting tent
- 13:00 - 14:30
- **Lunch Break***
- 14:00 - 14:30
- Track Show @ Acceleration
- 14:30 - 16:30
- Cost Event (All Classes) @ Pits
- 14:30 - 17:00
- Acceleration 1D @ Straight before the hairpin
- 14:30 - 18:00
- Design Event (All Classes) @ Pits
- 14:30 - 19:00
- Battery Charging Class 1D/1E @ Charging Area
- 14:30 - 19:00
- Technical Inspection 1C/1D/1E @ Scrutineering Area
- 14:45 - 19:00
- Engine Running Area Open @ Scrutineering Area
- 14:45 - 19:00
- Tilt Noise and Rain Tests 1C/1D/1E @ Scrutineering Area
- 15:00 - 18:00
- Transponders Delivery @ Scrutineering Area - Noise Test
- 15:00 - 18:30
- Practice Area 1C/1E @ Practice Area
- 15:00 - 19:00
- Brake Test 1C/1E @ Brake Test Area
- 16:30 - 17:30
- Business Presentation Finals 1E @ Meeting tent
- 17:00 - 19:00
- Skidpad 1D @ Skidpad
- 18:00 - 19:00
- Business Presentation Finals 1C @ Meeting tent
- 19:15 - 20:00
- Panoramic Photograph @ Acceleration
- 19:15 - 20:00
- Design judges Buffet
- 20:30 - 22:00
- Design Finals - One to One @ Meeting tent
- 22:00 - 22:30
- Design Finals Exhibit (Open Tent) @ Meeting tent
- 22:45
- **Site closes**

Saturday, July 16

7:30

08:00 - 13:00

08:00 - 08:30

08:30 - 09:00

09:00 - 13:00

09:30 - 13:00

09:30 - 13:00

09:30 - 13:00

09:30 - 13:00

09:30 - 12:30

09:30 - 12:45

13:00 - 14:30

14:30 - 15:00

14:30 - 19:00

14:30 - 21:00

14:30 - 18:00

15:00 - 19:00

15:00 - 19:00

15:30 - 19:30

17:30 - 19:30

20:15 - 21:00

21:00

- **Site Opens**
- Battery Charging Class 1D/1E @ Charging Area
- Briefing Volunteers & Technical Inspectors @ Scrutineering Area
- Acceleration Show @ Acceleration
- Engine Running Area Open @ Scrutineering Area
- Acceleration 1C/1E @ Acceleration
- Brake Test 1C/1E @ Brake Test Area
- Practice Area 1C/1E @ Practice Area
- Skidpad 1C/1E @ Skidpad
- Tilt, Noise and Rain Test 1C/1D/1E @ Scrutineering Area
- Feedback Static Events @ Meeting tent
- Lunch Break*
- Autocross Course Walk @ Track Area
- Engine Running Area Open @ Scrutineering Area
- Battery Charging Class 1D/1E @ Charging Area
- Autocross 1D @ Skidpad
- Brake Test 1C/1E @ Brake Test Area
- Practice Area 1C/1E @ Practice Area
- Autocross 1C/1E @ Track Area
- Team's photo @ Acceleration
- Drivers Briefing @ Meeting tent
- **Site closes**

Sunday, July 17

06:45

07:00 - 14:00

09:00 - 09:30

09:30 - 13:00

10:00 - 19:00

10:00 - 19:00

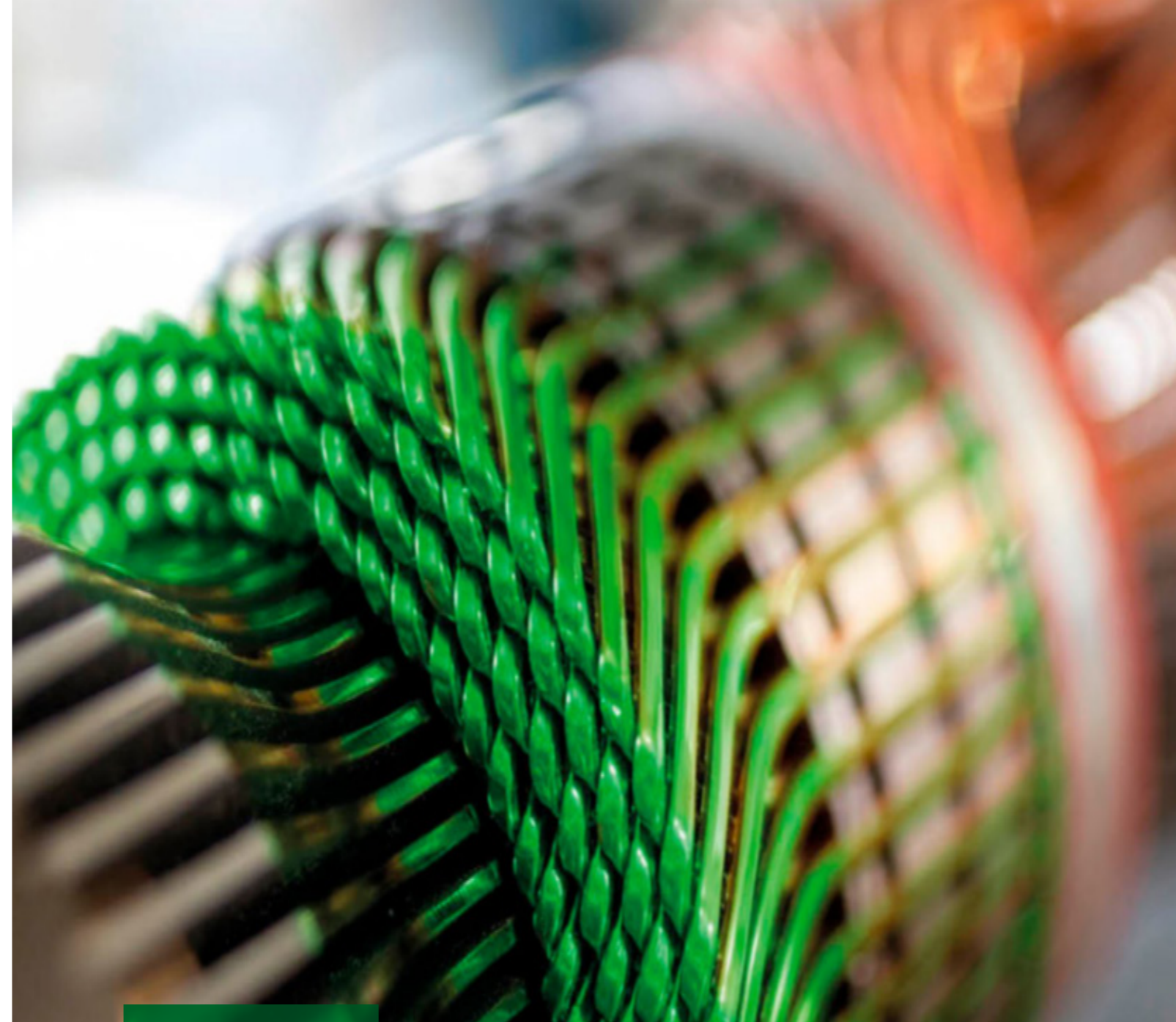
13:00 - 14:30

14:30 - 19:00

20:30 - 21:30

22:00

- **Site opens**
- Battery Charging Class 1D/1E @ Charging Area
- Course Walk @ Track Area
- Engine running Area Open @ Scrutineering Area
- Endurance Event 1C/1E @ Track Area
- Parc fermé Class 1C/1E @ Track Area
- **Lunch Break***
- Trackdrive 1D @ Skidpad
- Closing Ceremony
- **Track Area closes**



Nothing is more impressive than a clever idea that no one expected.
We pioneer motion

* The restaurant of the circuit will be open from 11.45 to 14.30, in order not to be crowded inside.

Making complete electric motor ourselves may have been a surprise decision, but it was a logical one, too. We have comprehensive experience of mechanical components, production processes, and winding technology, as well as an understanding of how vehicles work as a whole. This enabled us to create a range of exceptionally efficient engines, something that surprised many people. we-pioneer-motion.com

Pits

Pit number

The pits of the circuit will be shared by two teams which will enter from the Pit Lane side or from the Paddock side. Some additional gazebos will be placed inside the paddock.

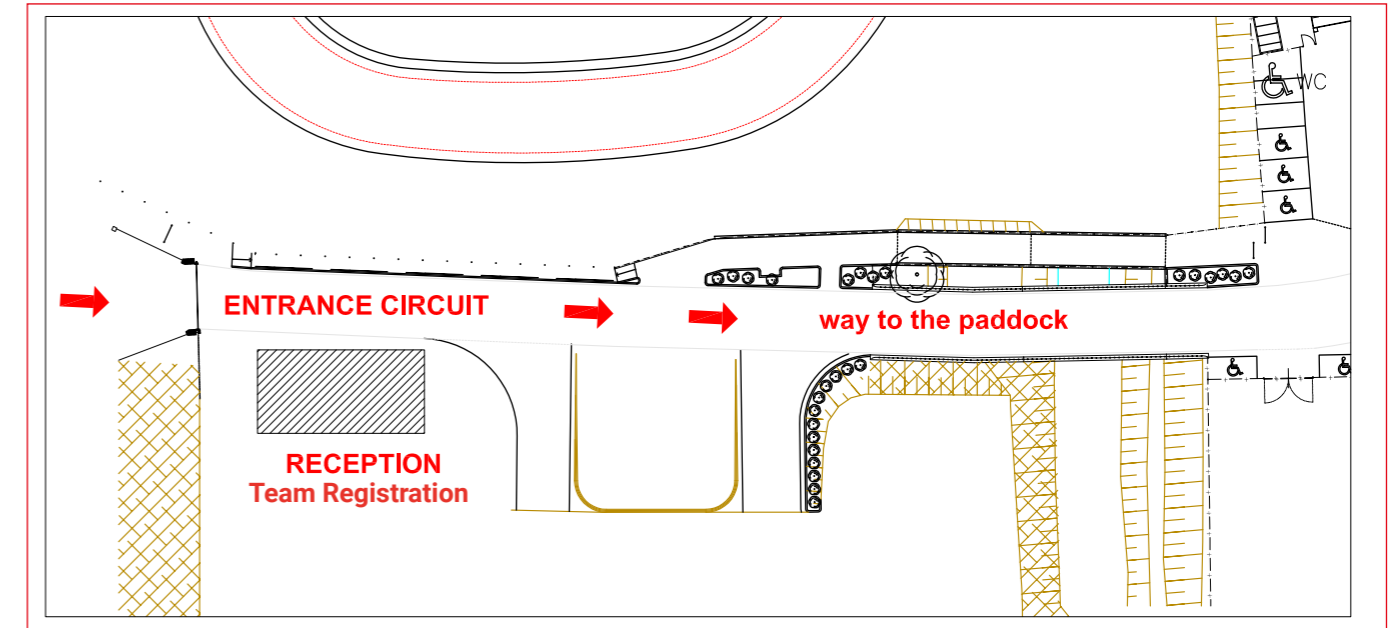
Pit set up

When: Wednesday, 13th July, 8:30 - 13:00 and 14:00 - 19:00

All teams vehicles have to wait before entering the event site for unloading their cars and materials. Please follow the instructions of the officials. Walking speed is the maximum allowed speed in the venue.

ONLY 1 vehicle will be authorized to enter the paddock, but after the unload it shall be parked in the free parking area at the entrance of the Varano Circuit.

Registration and information



Registration of team members

Upon arrival at the Varano Circuit, the **Team Leader ONLY** must register the team at the Reception Desk by:

- Bringing the ANFIA Limitation of Liability and signing the list of signatures IN FRONT OF the ANFIA Staff to confirm the correctness and validity of all other members' signatures;
- Communicating any changes in the list of team members, previously submitted, and in that case, filling out all the necessary registration documents for every new member and bringing photocopies of his/her health insurance card, passport or ID.

When:

- Wednesday, 13th July, 8:30 - 13:00 and 14:00 - 19:00
- Thursday, 14th July, 8:00 - 10:00

Where:

Circuit Entrance

Event Organization:

Miriam Gangi - Selene Migliaccio - Claudia Rossi - Anna Maria Costa - Mariangela Sciorati

Then he/she will receive badges for all team members, additional team members, team guests, the dynamic area passes for drivers, which must be worn at all times.

No pass will be handed to any team member except than the Team Leader. After the registration all the other team members will be allowed to enter the circuit.

Energy meter delivery

The energy meter kit will be delivered on **Wednesday, 13th July, from 8:30 - 13:00 and from 14:00 - 19:00 and Thursday, 14th July, from 8:00 - 10:00 at the Registration Office at the Circuit Entrance.**

The kit includes the energy meter box, a wiring harness set with connectors

Trasponder Delivery

The car transponders will be delivered on **Friday 15th July, from 15:00 to 18:00 at the Scrutineering Area - Noise test.** They will be picked up by the officers in the Parc Fermé after the endurance.

In case the car will not participate in the endurance event, it will be Team Leader responsibility to return it back at the registration office (before the Closing Ceremony).



DRIVING THE FUTURE



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Registration of Faculty Advisor

Faculty Advisors are kindly requested to register at the Reception Desk on Wednesday, 13th July, from 8:30 - 13:00 and from 14:00 - 19:00 together with his/her team or on Thursday, 14th July, from 8:00 - 10:00.

Drivers registration

Every team must register as drivers at least 4 members.

Drivers will have to submit the R. Paletti Circuit release and waiver of liability completely filled out, together with the photocopy of a valid government issued driver's license.

Drivers are requested to present those documents at drivers' registration desk on drivers' registration desk on Wednesday, 13th July, from 8:30 - 13:00 and from 14:00 - 19:00 or on Thursday, 14th July, from 8:00 - 10:00.

Drivers will receive a written briefing and will sign it for receipt.

Drivers will have to pass the egress test and the main hoop height test to be allowed to drive the car; as soon as they pass the tests they will be handed a red wristband.

ESO / ASR registration

Electric teams, including driverless car equipped with electrical powertrain, must register at least 1 ESO (Electrical Safety Officer).

ESOs are requested to register at the Reception Desk on Wednesday, 13th July, from 8:30 - 13:00 and from 14:00 - 19:00 or on Thursday, 14th July, from 8:00 - 10:00.

ESOs will receive an orange wristband and an orange t-shirt/team, which must be worn during the team's dynamic events.

For driverless team, ESO will be registered also as ASR (Autonomous System Responsible).

ASR are requested to register at the Reception Desk on Wednesday, 13th July, from 8:30 - 13:00 and from 14:00 - 19:00 or on Thursday, 14th July, from 8:00 - 10:00. ASRs will receive an orange wristband and an orange t-shirt/team, which must be worn during the team's dynamic events

Certification of participation

A certificate of participation will be sent to the Team Leader for every team member after the event as a [.pdf file](#).

Parking

At the entrance of Varano Circuit there will be a free parking area for all vehicles.

Visitors

Visitors are welcome during the 5 days of the event. Entrance is free in the public areas and grandstands while inside the paddock it is on payment.

Tickets can be bought at the Registration Office and can be paid cash or by credit card.

TARIFFS	TICKET	REDUCED TICKET (ONLY FOR PERSONS AGED UP TO 18)
ONE DAY	€ 12,00	€ 5,00
TWO DAYS	€ 22,00	€ 8,00
THREE DAYS	€ 33,00	€ 12,00
FOUR DAYS	€ 44,00	€ 16,00
FIVE DAYS	€ 55,00	€ 20,00

Under-age participants must be accompanied by an adult at all times, who will be responsible for any dangerous action they will cause to themselves, other persons and facilities. Pets are NOT allowed, except guide dogs. **Please note to all spectators closed toed shoes are preferred.**

Formula Driverless

Formula Driverless (class 1D) debuted in the Formula SAE Italy during the 2018 edition, following the innovative technological trends of the automotive industry. It follows the FSG DV Rules with some exceptions which you can find in the Information & Rules 2022. The division between Static and Dynamic events is maintained. The cars will take part in all the dynamic events in autonomous mode only, without any human driver sitting inside. All the vehicles should allow for a human driven mode according to the rules for performing the brake test. The minimum number of human drivers is 1 for each driverless team.

Static Events

1D Statics Events are the same (Business, Cost and Design) of the other classes with a few differences. The Cost event will follow FSG model and a new rule for the Business Presentation event has been defined in 2021 in collaboration with FS Austria. One only panel of judges is planned for the Design Event, that follows a precise list of evaluation items. The judgement of the design of the car isn't separated from the autonomous system judgement even if judges are focused on this latter. There aren't Design Finals for 1D class.

Track Marking

DE6.3.1 The markings of all dynamic events will have the following characteristics:

- The track is marked with cones.
- The left borders of the track are marked with small blue cones.
- The right borders of the track are marked with small yellow cones.
- Exit and entry lanes are marked with small orange cones.
- Big orange cones will be placed before and after start, finish and timekeeping lines.
- If not defined otherwise in chapter D of the FSG rules, the maximum distance between two cones in driving direction is 5m. In corners, the distance between the cones is smaller for a better indication.
- The start, finish and time keeping lines as well as keep out zones around the time keeping equipment are marked with red, orange or pink paint.
- Additionally for skid pad, autocross and trackdrive, track limit lines on either side of the track and entry/exit lanes may be marked with yellow, green or white paint.
- There are no track limit lines for acceleration and Emergency Brake System (EBS)-test.

All lines chalk-marked.

Dynamic Events

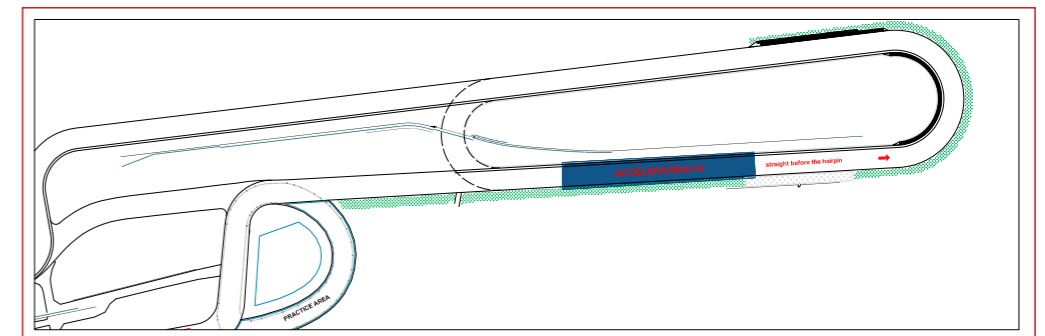
Driverless cars compete in the following Dynamic Events:

- Acceleration
- Skidpad
- Autocross
- Trackdrive

ACCELERATION

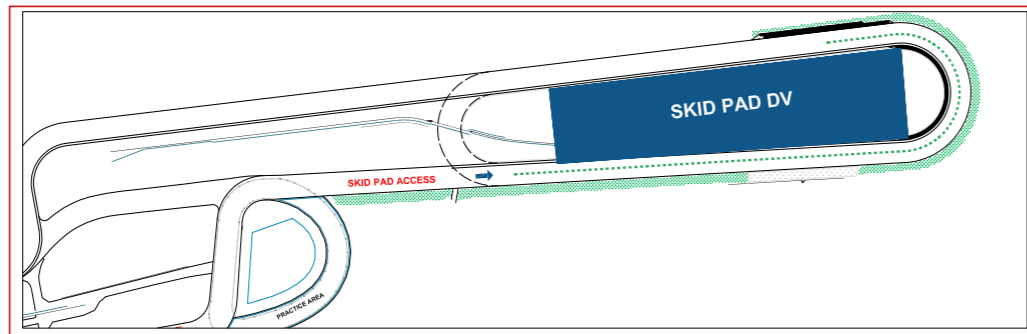
When: Friday 15th July,
14:30 - 17:00

Where: @ Straight
before the hairpin

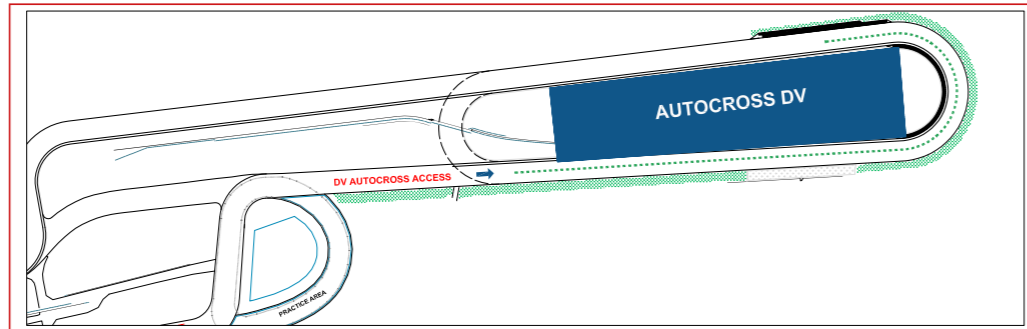


SKIDPAD

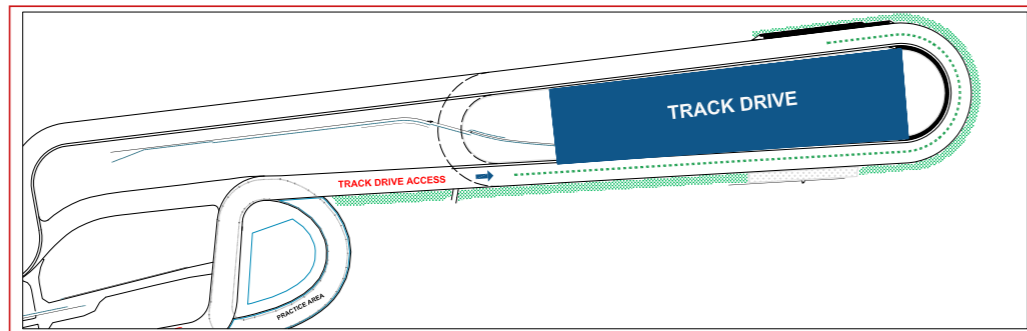
When: Friday 15th July,
17:00 - 19:00
Where: @ Skidpad

**AUTOCROSS**

When: Saturday 16th
July, 17:00 - 19:00
Where: @ Skidpad

**TRACKDRIVE**

When: Sunday 17th
July, 14:30 - 19:00
Where: @ Skidpad



Build the FUTURE designing your TOMORROW

Do you desire to work in a vibrant, challenging, young and kind company where innovation and people make the difference? We are an engineering consultancy atelier, designing desires and building the future. **We put people first. Always.** We believe in **high specialization, young people and lifelong learning.** We love well done things. Design is our passion. Our **Academy** enables talents and junior professionals to get qualified working in an advanced, lively and motivating environment."

**General Rules**

Pits are located inside the garage of the Varano Circuit.
Inside the whole area of the Varano Circuit all the rules stated by the official SAE regulation apply.
It is forbidden to walk on the gravel traps of the Circuit.
Team members must leave the Circuit during the night at the scheduled hour.

Ask questions

If you have a question - ask!
If you have any questions about any part of the competition, schedule, procedures, rules or anything else, just ask to the Team's relation Officer.
Rules questions may be presented to the technical inspectors.
It all starts with asking and remember, there are no dumb questions.
Please: do not fear to fail by asking anything you need or clarify any doubt you might have!

Ask for help

If you need help - ask the officials.
Announcements requesting parts, tools or assistance can be made by the announcer.

Announcement

Although there are loudspeakers, it could be difficult for announcements to be heard everywhere, especially close to a running engine. You can help us make sure everyone knows what's being announced by passing the announcements along to your team mates and other teams in your area.
This is important and we appreciate your help.

Two ways radios

Two ways radio are used both by teams and by STAFF
Please, make sure to use CCTCS/DCS squelch and not to use the same frequencies of the staff: **point penalties** may apply!

Be on time

The schedule is included in the Student Handbook and posted online. Possible modifications are communicated online and through announcements.
It's Team responsibility to be on time.

Be careful

Don't take any risk when working on your car - follow safe working practices.

Bring your documentation

When Teams come to tech inspection must bring all the documentation and correspondence connected to SES submission, Impact Attenuator Data Report and any Rules Questions submitted.
The inspectors do not have this material and Teams may need it to answer questions about their vehicles design and construction.
The inspectors want you to pass tech, and pass it easily, but they need your help to make it happen.

Don't run

Running tells people there's an emergency. Don't run unless life is in danger.

Event Closing Times

Remember that Acceleration and Skid Pad close at exactly the time communicated by the officials.
Car must have crossed the starting line by that time or it can't run: it is recommended to get in line early.

Formula ATA

Keep the Officials Informed

Keep the officials informed if you run into any problems that need our attention or might push your team against a time limit. It is Team responsibility to verify that the information has been received by the appropriate people.

Removing Cars Overnight

Removing the car from the track overnight is forbidden.

Weather

Weather is the main thing Organizers cannot force or control. It is good to be prepared for all weather types from sun to heavy rain. Pack long and short sleeve apparel, sun block, rain coats and comfortable closed-toe shoes.

Have Fun, Drive Safe, Use Common Sense



GET THE FUTURE YOU WANT

Unlock the value of technology to transform your business.



Capgemini  engineering



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Passes and Allowed Areas

Paddock & Track

														
<table border="1"> <tr> <td>2022</td> <td>FORMULA SAE ITALY July 13-17 2022 Riccardo Paletti circuit Varano de' Melegari</td> </tr> <tr> <td>→</td> <td>Staff</td> </tr> </table>	2022	FORMULA SAE ITALY July 13-17 2022 Riccardo Paletti circuit Varano de' Melegari	→	Staff	<table border="1"> <tr> <td>2022</td> <td>FORMULA SAE ITALY July 13-17 2022 Riccardo Paletti circuit Varano de' Melegari</td> </tr> <tr> <td>→</td> <td>Technical Inspector</td> </tr> </table>	2022	FORMULA SAE ITALY July 13-17 2022 Riccardo Paletti circuit Varano de' Melegari	→	Technical Inspector	<table border="1"> <tr> <td>2022</td> <td>FORMULA SAE ITALY July 13-17 2022 Riccardo Paletti circuit Varano de' Melegari</td> </tr> <tr> <td>→</td> <td>Dynamic Pass</td> </tr> </table>	2022	FORMULA SAE ITALY July 13-17 2022 Riccardo Paletti circuit Varano de' Melegari	→	Dynamic Pass
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Paddock Only

														
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→	Visitor													
Main Sponsor 														

Bicycles, Skateboards, Rollers and other similar vehicles

They are NOT allowed inside the paddock. The security service is allowed to take badge away of the team member, who will not comply with this rule.

The badge return will be upon penalties to the team, depending on its gravity.

Alcohol

PLEASE NOTE: Alcoholic drinks are strictly forbidden inside the circuit during the event, under penalty of the team disqualification. Alcohol test can be done by any official at any time during the competition: **0.00 g/l is the allowable alcohol content during this event for everyone.**

If ANY team member (driver or not) is found with an alcohol level higher than 0.00 g/l, the relevant team member will be immediately disqualified and the drivers of the team will be verified before any driving event.

Fires and Smoking

No open fires are allowed in the pits, track and engine running areas, cigarettes, camping stoves and microwave ovens included. Smoking is strictly forbidden in the pits, tracks, buildings and engine running areas.

Photographers

Authorization The staff is solely responsible for authorizing photographers/spotters to enter the dynamic event area. Photographers/spotters must be registered for the competition, sign all required waivers, read any required material, agree that they understand and have no questions regarding the policies and procedures for photographers, and agree to abide by these policies and procedures at the risk of being escorted from the dynamic area. Videographers are classified as photographers. Photographers must have photographic equipment - cell phones are not cameras. Photographers and spotters are explicitly restricted to photographic activities.

Limit and penalty Limit and penalty - Each university is limited to one (1) photographer/ videographer. Additional photographers must remain outside the dynamic event area. Unauthorized photographers will lead to a penalization of their team:

- 1st time: 5 points;
- 2nd time: 10 points;
- 3rd time: 50 points.

Access Policy Access Policy - Properly accredited photographers/spotters representing universities may only access the dynamic events area while their teams are actually running in an event. University photographers/spotters will not be granted dynamic area access independent of their team.

Fuel

Only the fuel provided by the organizer may be used at the event. No fuel may be brought to the event. Unleaded gasoline with an octane rating of 98 RON and E85 will be the only fuels available at the competition. Every team should have communicated to ANFIA the exact tank capacity. The official marshals have the right to check fuel compliance during the entire event. Refueling will be carried out at the Fuel Station, located in a Fuel Area subjected to the following prescription:

- Only one car may enter the Fuel Area;
- To reach the refueling area the driver must be seated in the cockpit wearing a full safety suit while pushed to and from the area;
- The refueller must be able to accomplish to his job without any part removed from the car;
- During the refueling the driver must stand out of the car at a safety distance following the instructions of the official marshals. No other team member can enter the Fuel Area.

- Any other vehicle must be at least 5 meters away from the Fuel Area.

It is forbidden to make use of any device producing flames, sparks or smokes near the Fuel Area. No cell phone is allowed in the area. Open fuel containers are not allowed. As soon as the car is re-fuelled for the first time, it must proceed with the engine turned off to the tilt table.

Working on Electric Cars

Any vehicle that has not passed E-Scrutineering needs to have HVD disconnected.

The team safety responsible and at least one more team member, who can intervene in case of emergency, must attend every activity on the tractive system. In absence of the team safety responsible, none is allowed to act on the tractive system. Anytime the tractive system is turned on, all driven wheels shall be lifted off the floor (and all parts, such as nuts, near wheels must be tightened). After any activity on the tractive system during which seals were broken an E-Scrutineering is mandatory.

For activities on the inactive tractive system the team safety responsible shall follow this procedure:

1. Lock out the tractive system master switch.
2. Check for zero-potential.
3. Disconnect HVD.
4. Install a green sign declaring the car as electrically secured (See image below). Sign shall include name of the safety responsible.
5. It is team's responsibility to expose the sign in A4 format near the car in a visible position.
6. At the end of activity, remove immediately the sign.

It is recommended lifting driven wheels off the floor during any maintenance activity.

In case of measurements on the active tractive system or an activation of the tractive system in the pit for testing please follows this procedure:

1. Be sure the team safety responsible is supervising the activity and a team member who is not involved in the activity is present and can intervene in case of emergency.
2. Separate the car with a red or orange tape (not provided by the organization).
3. Install a yellow sign declaring the high voltage hazard. (See the image below). The sign shall include the name of the safety responsible. It is team's responsibility to expose the sign in A4 format near the car in a visible position.
4. Remove all driven wheels of the car and tighten all parts, such as nuts, near wheels.
5. Wear compliant safety gloves and use appropriate tools.
6. Be prepared to push an emergency button at any time.
7. Turn on the tractive system only for the shortest time needed. The activation of the tractive system or the spinning of motors in the pit is only permitted if the car is lifted off and the driven wheels are demounted.

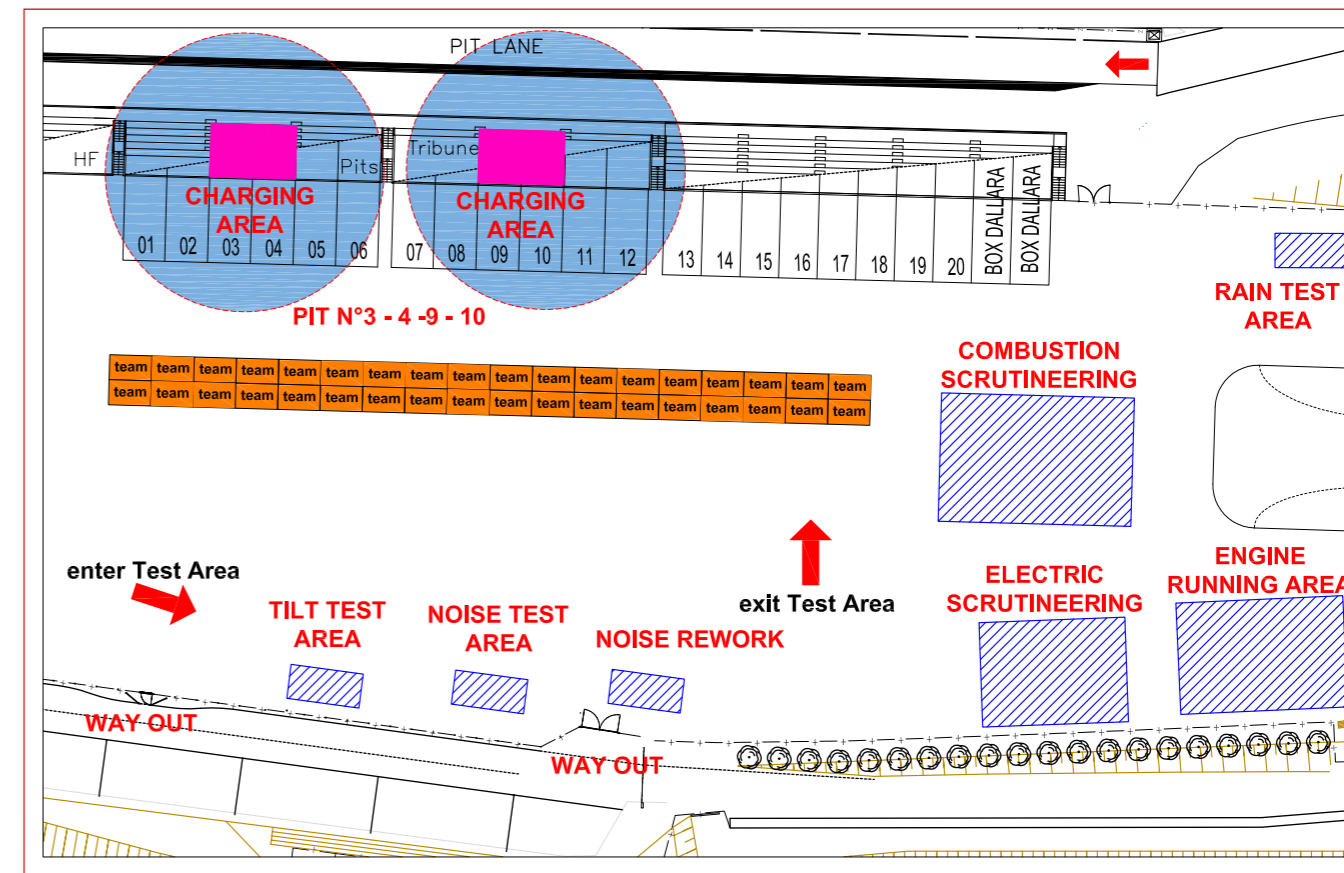
Basic maintenance and testing activities for the accumulator container is allowed in the recharging area following FSAE Italy Covid19 protocol; in case a team needs to perform advanced maintenance activity (e.g. grinding, drilling, etc.), the team may get authorization by a scrutineer who checks safe conditions are met in the pit area.

A car not having passed yet the E-scrutineering, when moved around or taken to the static events MUST have the HVD disconnected.

When moving around an electric car, the tractive system master switch must be turned off and the key must be kept by the safety responsible, who must always stand near the car moved around. If any of the above-mentioned instructions are not respected, it may result in a deduction of points or disqualification.

The tractive system master switch must be locked, whenever the team safety responsible has to go away from the vehicle, even during nights.

Charging Electric Vehicles



Accumulators can be recharged exclusively in the two designated charging areas. No charging is allowed during the night. The team Safety Responsible and at least one more team member have to be present during the charging. Only two team members of each team are allowed in the charging areas. Accumulators must be removed from the car for charging within a removable accumulator container and placed on the accumulator container hand cart for charging. While charging, the accumulator container has to report a label with the following information:

1. Team number
2. Approximate time at which the recharge will end
3. Name of Safety Responsible

Where:
Charging Areas

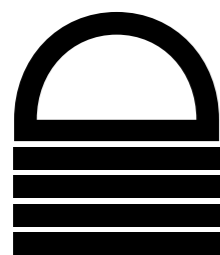
Charging will be allowed only after the electrical technical inspection.

The charging area is equipped with the following AC socket-outlets:

- Single-Phase 230V 50Hz 16A P+N+E Schuko
- Single-Phase 230V 50Hz 16A IEC 60309, 6h (180°), P+N+E (Blue - 3 poles)
- Three-Phase 400V 50Hz 16A IEC 60309, 6h (180°), 3P+N+E (Red - 5 poles)
- Three-Phase 400V 50Hz 32A IEC 60309, 6h (180°), 3P+N+E (Red - 5 poles)

Each team must verify that the AC plug of their charger is compliant with one of the available socket-outlet. If not, the team has to replace it with a compatible one or bring compliant adapter.

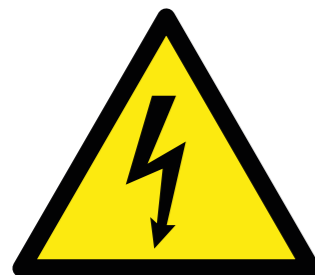
SAFETY FIRST



THIS CAR IS
**ELECTRICALLY
SECURED**

SR _____

WARNING



**HIGH VOLTAGE
MAINTENANCE**



ONLY AUTHORIZED TEAM
MEMBERS CAN CROSS LINE

SR _____

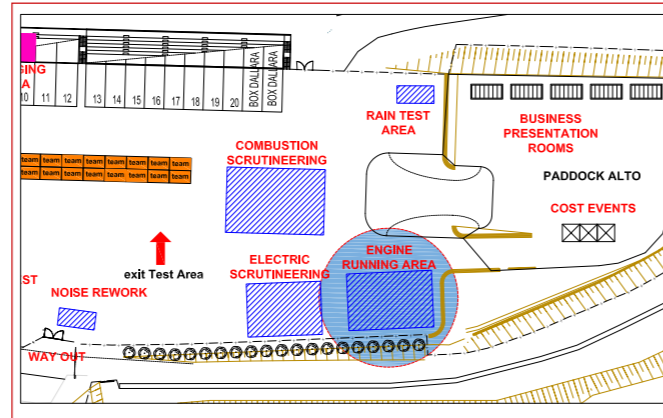
Engine Running

ENGINES CAN NOT BE RUN IN THE PIT GARAGES.

Engines may be run ONLY in the designated “engine running area” in the paddock, provided that the car has passed technical inspections and the following conditions are satisfied:

1. The car is on an adequate stand (NOT on coke crates, plastic boxes etc.).
2. The drive wheels are at least 10.2 cm (4 in) off the ground or the drive wheels have been removed.
3. A fire extinguisher must be at hand.
4. Only the driver and 2 team members are allowed in the engine running area. If an electric car is running the Safety responsible must be in the area.
5. The driver must be seated and belted in the cockpit, wearing a full safety suit.
6. The gearbox must be in neutral or the CVT disengaged.

The exhaust system may be very hot, pay attention.



Where:
Engine Running Area

Scrutineering

Know the Rules - Read the rules again: rules understanding is critical to success!

WELDING AND GRINDING PROCEDURES

Welding and grinding will be permitted inside each team pit provided that the necessary safety aspects have been taken into account.

Safety glasses and gloves must be worn during those operations; same procedure may be applied to other tool usage at the discretion of the organizers.

A fireman must be present when welding, call for them every time you need to weld.

We remember you that it will be not present an official welder on site.

DYNAMIC AREA ACCESS

All the Track Area of the Varano Circuit will be defined as “Dynamic Area”.

Only the cars waiting to attend the specific test may enter the “Dynamic Area”.

Only team members with a valid “Dynamic Pass” may enter the “Dynamic Area” to follow the corresponding car: four (4) “Dynamic Pass” will be given to each team.

At any time, no more than four team members may enter the dynamic area, including the driver (or drivers).

REMEMBER: CLOSED TOE SHOES!



Welcome on board, talents!

Podium Advanced Technologies is focused on innovation and technical excellence, working with a number of high-tech, high profile engineers at the top of their respective fields, always looking for exceptionally talented people with visions, ideas, and strong values. If you are interested in joining a young and dynamic environment which encourages people to grow and share their skills and expertise, **apply for a position at podium-tech/careers.**



Glickenhaus 007 LMH: designed, developed and built by Podium Advanced Technologies - 4th & 5th overall at Le Mans 2021

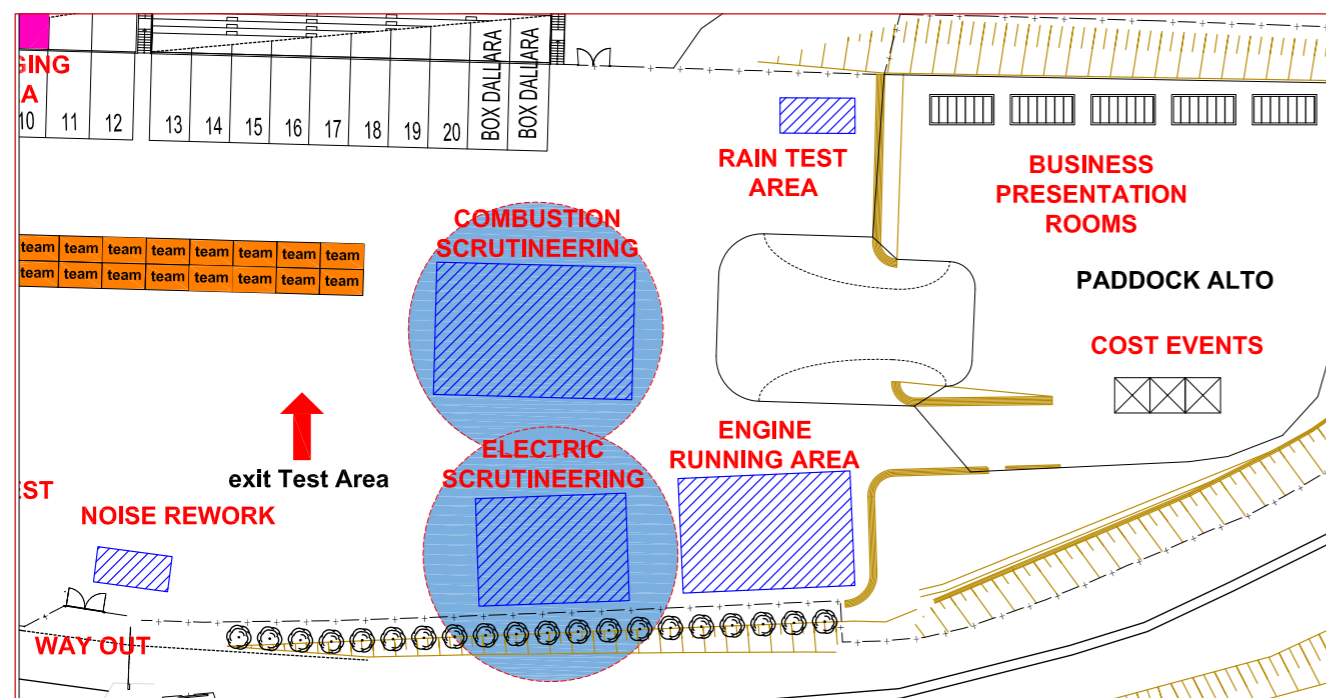
podium-tech.com



www.gruppofontana.it



Scrutineering



When:

Wednesday 13th July, 14:30 - 19:00

Thursday, 14th July, 09:00 - 13:00

and 14:30 - 19:30

Friday, 15th July, 08:30 - 12:30 and 14:30 - 19:00

Saturday, 16th July, on request

Where:

Paddock

Heads of event:

Silvio La Tassa -
Mechanical Inspections

Pre-check the car.

During registration you will be informed about the order..... given your technical inspection number: the queue for the technical inspection follows these numbers. Please fill the first part of the technical inspection sheet, regarding tires, before queuing and line up with everything you need.

What to bring to Tech. Inspections:

- Vehicle;
- Dry and wet tires;
- Driver's equipment including helmets, suits, gloves, eye protection, balaclava, socks, and shoes for all drivers (Note: This includes your arm restraints);
- Fire extinguishers;
- Push bar;
- Structural Test documents and supporting documentation or test pieces Technical Inspection form;
- EV only - Data sheets for all used parts in the tractive system;
- EV only - Approved technical document (ESF) signed by ESA;
- EV only - Tools and protection equipment as defined in the FSE rules;
- EV only - Spare accumulators;
- EV only - Clear pictures of parts not reachable during inspection (HV fuse box, ...);
- EV only - Spare samples of self-developed printed circuit with HV and LV;
- All of your team's drivers;
- Impact attenuator test piece;
- Monocoque test specimens - if applicable;
- Tools to disassemble any parts of the car that the inspectors want to examine. This includes accessing your restrictor, removing body panels or any parts that are blocking inspection and to allow examination of your EV systems;
- Copies of your team's rules questions and Committee's answers;
- Material to record the inspectors' comments.

The technical inspections will be held inside the scrutineering areas of the circuit. The only permitted modifications are according to rule SAE IN.14.2.2 otherwise the car must be re-scrutinized and reapproved.

If your car isn't ready when your number is called, you'll lose your position and go to the back of the inspection line.

The Technical Inspectors wish every team to pass tech inspection as quickly and easily as possible. Many inspectors are former competitors and they know the amount of time and effort Teams invested in completing their car and preparing it for the competition.

Technical inspections take longer when scrutineers have to explain noncompliant items and the process is quicker if everything complies.

Please make inspection easier by yourselves, and for organizers, by understanding the rules, pre-inspecting your car and being prepared.

E-technical inspectors will mark different approved parts (i.e. insulation monitoring device, accumulator containers, energy meter, tires, rims etc.).

The car can be disqualified from any dynamic event if using unmarked parts or substituting marked parts: parts with broken seals are equivalent to being unmarked and seals must only be replaced by a technical inspector.

For E-cars, e-technical inspections will be held before the mechanical inspections to ensure everyone's safety.

However, Chiefs of Technical Inspection may allow exceptions to perform the mechanical technical inspection without having done the electric inspections, but only if the accumulator container is carried on the hand cart.

Car not passing e-tech will not be allowed to proceed with the other inspections and tests; moreover, the vehicle is not allowed to take part in any dynamic event if any of the e-tech seals are broken and until the IMD Test is passed again.

Device to be used for checking compliance to EV3.6.3 rule.

Regarding rule EV3.6.3 ANFIA will not use a special device to check the compliance to the temperature limits.

PLEASE NOTE: It is a team's responsibility to keep track of how quickly cars are going into Tech Inspection: It is suggested to have someone to keep an eye on how the numbers are progressing. No more than 3 cars will be allowed to queue.

If you miss this window, you have to return your "old" tag and take a new number.

Before passing electrical inspection, the car may only be moved around on the event site with all master switches and shutdown buttons in off-position and the HVD disconnected. GLV-master switch, TS-master switch have to be turned off.

Please remember that the Safety responsible shall attend to E-technical inspection.

SMART HINTS

Self-inspection - Teams must self-inspect their car and be sure that it complies with the Rules before bringing it to tech inspection: use the tech inspection form found on the FSAE Online website during your self-inspection.

It's Team responsibility to properly prepare and self-inspect their car; if inspectors discover a large number of rules violations, or an incomplete self-inspection, then they may suspend their work and send Team back to its paddock to make corrections.

Rules Question Documentation - If a Team submitted a rules question and received an interpretation from the Rules Committee, it has to bring copies of both the question and answer to technical inspection: without this, the inspectors won't know the Committee's interpretation and might make their own.

Impact Attenuator Test Piece - Bring the Impact Attenuator Test piece, "Impact Attenuator Data Requirement", and also copies of Impact Attenuator Data report and any related correspondence with the officials (IN5.1.1).

Monocoque Test Specimens - Monocoque builders must bring the test pieces required by Rule IN5.1.1 "Monocoque Laminate Testing."

Restrictor Check - During inspection Team needs to disassemble air intake system to allow a no-go gauge to be inserted into the restrictor: bring the tools required (CV1.7.3)!

If you do not pass the inspection, please write down the name of the responsible of your inspector's team, so to be able to ask for him/her later.

Decisions of the inspectors and the Chief Technical Inspectors concerning vehicle compliance are final and are not a subject of any discussion or appeal.

Energy Meter delivery

The energy meter will be delivered during the registration and a deposit of 50,00€ will be asked each team and returned back at the end of the event, only if the EM will be delivered as it was originally.

The responsible will hand out the energy meter and needed connectors and he will help with the installation, if needed, and he will answer upcoming questions.

The energy meter must be mounted on the vehicle before the technical inspection. During the technical inspection, the energy meter will be checked.

The energy meter responsible will read out data from time to time to determine if the 80kW limit was obeyed during the dynamic events: data used to calculate the efficiency scoring will be read in the parc fermé.

Any attempt to manipulate the intended function of the energy meter may lead to a disqualification from the entire event.

For any question about energy meter, ask for energy meter responsible at event control.

Please be aware that the energy meters **NEED TO BE RETURNED** to the registration desk before the closing ceremony of the event.

When:
Wednesday 13th July,
8:30 - 13:00 and
14:30 - 19:00

Where:
Registration Area
Heads of event:
FLAG-MS



Our commitment elevates us,
our goal drives us,
our unity makes us unique.

Our asset: a cohesive team,
sharing its passion for excellence.
Our approach: constant innovation,
never settling for simple progress.
Our challenge: **the CO₂-free coating plant
by June 16th, 2027**

www.geicotakisha.com

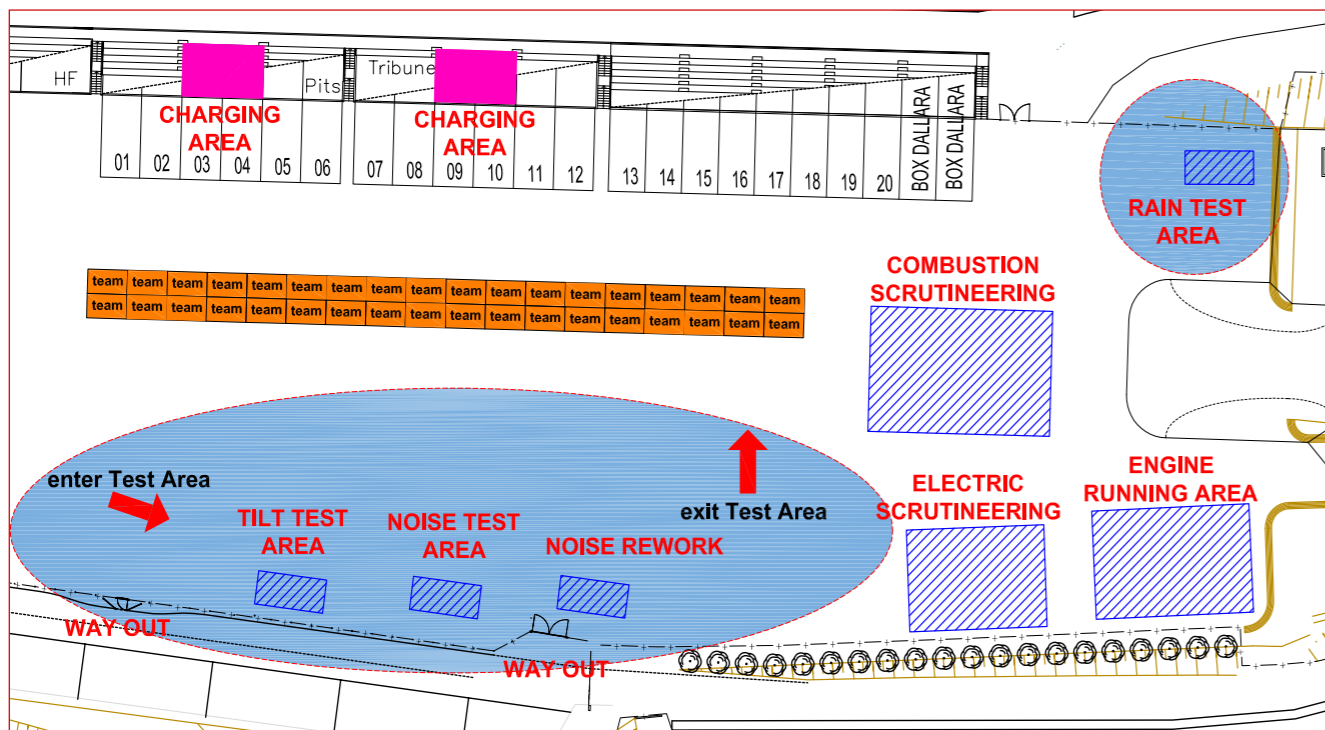


Come Onboard of Innovation



italdesign.it

Tilt, Rain, Noise & Brake Test



TILT TEST

Before proceeding to the tilt test team must refuel.

Follow specific safety guidelines while in the fueling area:

1. Engines must be off; cars are to be pushed to and from fueling.
2. Only the vehicle push crew and the driver are allowed to enter the fueling station: the driver must be outside of the vehicle.
3. Only the driver, in a driving suit, with vehicle fire extinguisher in hand, is permitted in the area as fuel is dispensed.
4. A permanent line mark must be used to indicate the “full” level.
NO TAPE
5. Tank is to be filled to this level each time fuel is received.

No vehicle is permitted at this station until it has passed technical inspections. A maximum of four (4) team members with the dynamic pass, including the tallest driver, are allowed in this area; car must be completely filled with fuel, water and oils.

The tallest driver must be seated in the cockpit, completely dressed up (helmet, socks, gloves...) and belted in: if the test is passed another sticker is applied to the car.

RAIN TEST

The rain test is for e-cars only: vehicle will be rain-tested after having passed E-technical inspection, mechanical technical inspection and Tilt Test.

During the rain test, the tractive system has to be active and none of the driven wheels may be in contact with the ground.

It is not allowed to have a driver seated in the car during the rain test and no one is allowed to stand in the water of the rain test during the test itself.

When:
Thursday, 14th July 09:00 - 13:00 / 14:30 - 19:30
Friday, 15th July 09:00 - 12:30 / 14:45 - 19:00
Saturday, 16th July 09:30 - 12:30
Where:
Scrutineering Area

When:
Thursday, 14th July 09:00 - 13:00 / 14:30 - 19:30
Friday, 15th July 09:00 - 12:30 / 14:45 - 19:00
Saturday, 16th July 09:30 - 12:30
Where:
Scrutineering Area

READY-TO-DRIVE - SOUND - TEST

Ready to drive test sound will be checked during the e-technical inspections. In addition to sound characteristic, inspectors check Ready-To-Drive signal is emitted only if all requirements are fulfilled (no fault for GLV system, brake pedal is pressed...)

When:
Thursday, 14th July 09:00 - 13:00 / 14:30 - 19:30
Friday, 15th July 09:00 - 12:30 / 14:45 - 19:00
Saturday, 16th July 09:30 - 12:30
Where:
Scrutineering Area

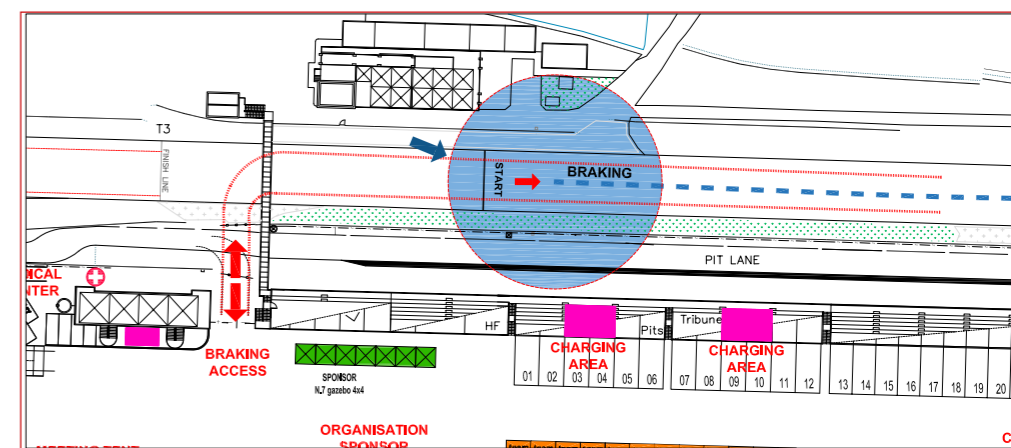
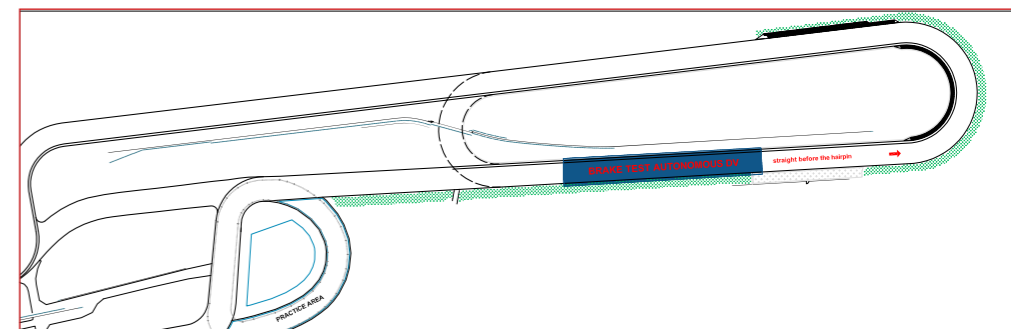
NOISE TEST

A car is allowed to noise test area once it has the scrutineering and tilt table stickers. In order to check the RPM value, every team must provide a tool to monitor RPM directly from ECU (i.e. dashboard, laptop). The car must be compliant to the Rules at all engine revs up to the regulated limit. Noise level can be measured at any time during the dynamic events: penalties may be assessed if the sound level exceeds the mandated maximum, and noise sticker can be removed by officials.

When:
Thursday, 14th July 09:00 - 13:00 / 14:30 - 19:30
Friday, 15th July 09:00 - 12:30 / 14:45 - 19:00
Saturday, 16th July 09:30 - 12:30
Where:
Scrutineering Area

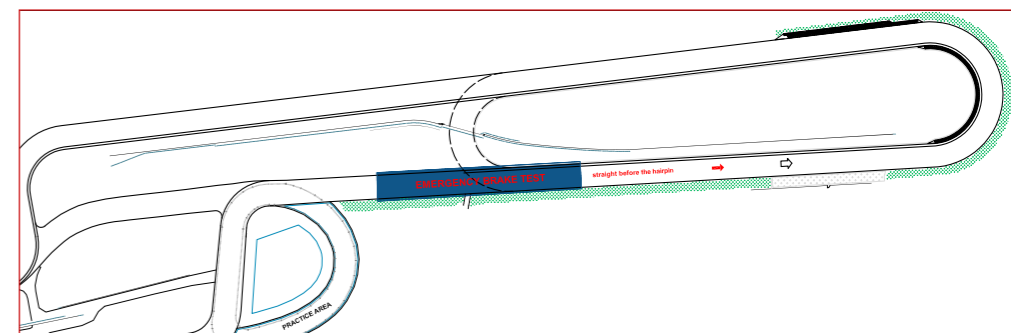
BRAKE TEST - Class 1C, 1E, 1D

When:
Friday, 15th July 09:00 - 12:30 and 15:00 - 19:00
Where:
Afternoon: Practice Area (Zone C)



EMERGENCY BRAKE TEST - Class 1D only

When:
Friday, 15th July 09:30 - 12:30
Where:
Straight before the hairpin
Head of event: Francesco Ristori



COMBUSTION CARS - A car is allowed to enter the brake test area once it has the scrutineering and the tilt table stickers.

The car must start its run and accelerate getting into the 2nd gear; as the car reaches the braking area the driver must brake strong enough to fully lock all four wheels.

If the vehicle passes the test, another sticker will be applied and the vehicle can then proceed to the practice area or to the dynamic events.

The brake test can be repeated every time an official deems it necessary, and it can be repeated if modifications are performed on the system or after an accident.

ELECTRIC CARS - A car is allowed to enter the brake test area once it has passed the scrutineering (both), tilt test, rain testing and ready-to-drive-sound-testing.

Each driver must be instructed as to the proper procedure for the brake test: if the vehicle passes the test, another sticker will be applied and the vehicle can then proceed to the practice area or to the dynamic events.

When braking, the tractive system has to be switched off by the driver and the brake pedal must be actuated as far as possible.

The brake test is successful if all four wheels lock and within 5 seconds the Tractive System Active Light goes off.

The brake test can be repeated every time an official deems it necessary.

Re-certification may be required if work is performed on the vehicle's braking system or if the vehicle is involved in an accident that results in vehicle damage.



Turning things
around, one
industry at a time

Today, the demands are as tough as they are necessary. Electrification. Net-zero emissions. Circularity. To achieve their sustainability goals, our customers must find new ways of working, and dare to make quick, sometimes uncomfortable decisions. They opt out, re-prioritize, invest in the unknown. As the industry now faces a paradigm shift, it is forced to rely even more on technology. Just like it should! The way to sustainable rotation is through reduced energy consumption, and that's something we happen to know quite a bit about. So much, in fact, that we can probably help turn this around.

Visit us at skf.com or give us a call and we'll look at it together.

SKF

Static Events

Teams that want to receive a feedback about their static events can ask directly to the judges on Saturday 16th July at the event venue: afterwards, no requests of feedback will be accepted.

Design Event

The design event will be held in each team pit.

The winner of the Design Event will get 150 points.

Please, be on time and have all engineering documentation with you.

Make sure the car is in race-ready condition and team members are well prepared.

For each team the design event will take up to 45 minutes.

When:

Friday, 15th July

09:00 - 13:00 /

14:30 - 18:00

Where:

Pits

First year cars: It is the teams' responsibility to prove to the judges that their vehicle is a first-year car: second year cars are not allowed.

If the structure of the frame is not obviously a completely new design from previous years, then photo documentation should be provided to prove that the car is new as defined by the rules.

When FINALS:

Friday, 15th July

20:30 - 22:30

Where:

Meeting Tent

How to prepare: Students should bring any and all information they feel is relevant (charts, graphs, parts, photos, video, etc.) to support their design efforts.

The judges will give more credit (higher Design score) to documented engineering than to word of mouth: simply showing up with a great car is not good enough.

A high emphasis is placed on the student team's ability to design, build, refine & validate, and understand their own car.

Head of event:

Giacomo Danisi

DESIGN FINALS

Design finals will be held according to the schedules in the Meeting Tent.

The three best classified teams in Class 1E and Class 1C will be admitted.

Finalist teams must attend to the finals with their cars and whatever they think is needed for an engineering discussion.

Design finals will consist in two phases: the first one to one with Judges and then the Design Finals Exhibit (Open Tent).

Cost Event

The cost event will be held inside each team pit.

Team needs to show a printed copy of the Cost Report, plus one more printed or electronic.

The report will follow the guidelines set forth in the published rules.

Teams have to present its vehicle at the designated time to the Cost Judges for Cost Report review; Team that miss cost appointment will potentially lose all cost points.

The schedule for these appointments will be in the registration packets.

For each team the cost event will take about 30 minutes.

When:

Thursday, 14th July

14:30 - 19:30

Friday 15th, July 09:00 -

13:00 / 14:30 - 16:30

Where:

Pits

Head of event:

Carlo Giorgioni

Business Presentation Event

The business presentation event will be held inside the presentation rooms A, B, C, D, E according to the schedule assigned to each Team; **Teams that don't arrive on time for their assigned time-slot won't be allowed to make their presentation and consequently will get zero points for the event and be excluded for the following Stage (if applicable).**

The presentation rooms will be located in the "Paddock alto" and will be equipped with 50-inch TVs with HDMI cable (Type A). It is the team's responsibility to make sure that their laptops are suitable for connection: if not, **judges might assign lower score based on the effective performance of the team.**

Competitors must convince the judges that their project represent a profitable enterprise for the manufacturer/ investor tiding together all the aspects needed: marketability, manufacturability, technical aspects and product appeal.

BUSINESS PRESENTATION FINALS

Business presentation finals will be held according to the schedules in the Meeting Tent. The three best classified Teams in Class 1D, Class 1E and Class 1C will be admitted.

When:

Saturday 18th June 9:00 - 13:00
for **STAGE 2 BPE - Business Pitch Performance**

Where:

Digital Platform

When FINALS:

Class 1D: Thursday 14th,
July 19:30- 20:30

Class 1E: Friday 15th, July
16:30 - 17:30

Class 1C: Friday 15th, July
18:00 - 19:00

Where:

Meeting Tent

Head of event:

Enrico Rebaudo and Valentina
Temporelli

Contact Responsible of the event at the circuit:

Monica Crowley

Dynamic Events

GENERAL INFORMATION

The dynamics at Formula SAE Italy comply with the FSAE rules. The team will receive the car transponder on Friday 15th July, from 15:00 to 18:00 at the Scrutineering Area - Noise test.

To be allowed to compete in the dynamic events of the day, all drivers must sign the written drivers' briefing for receipt during the registration. Drivers must read carefully this document. In addition, they must attend an event dedicated briefing (i.e. the Friday meeting for Acceleration, Skid pad and Autocross, the Saturday meeting for the Endurance).

Any driver that fails attend the dedicated briefing will be excluded from the corresponding events.

The 4 team members need to have the dynamic pass to enter the dynamic area.

If the dynamic event captain declares damp or wet conditions, the announcements will be made at the dynamic area (at staging and alignment lines).


Closed-toed shoes are mandatory in all dynamic areas. Any team member with dynamic pass that fails to comply with this rule might be not allowed to enter the dynamic area.

After each dynamic event and before the following one, please check for leakages, broken parts and fasteners.



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Practice Area

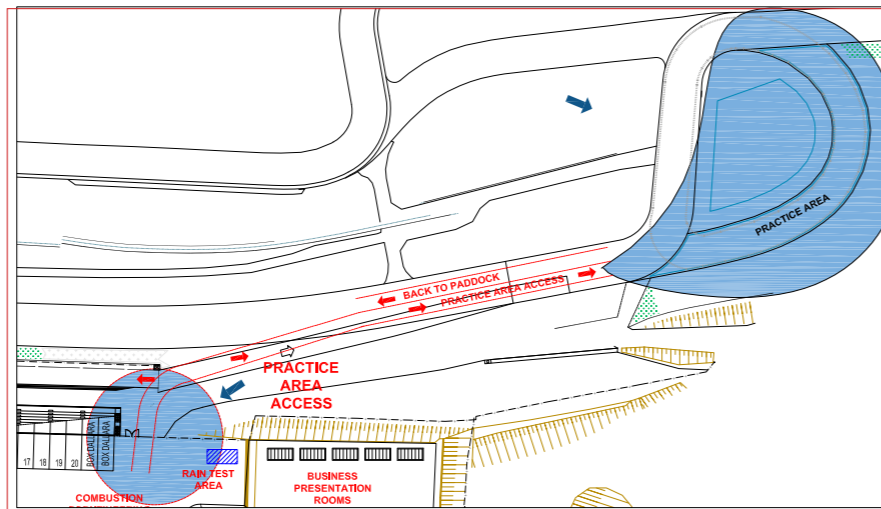
When and Where:

Class 1C/1E

15th July, - 9:30 - 12:30
and 15:00 - 18:30

Saturday, 16th July - 9:30 - 13:00
and 15:00 - 19:00

@ Practice Area



During the scheduled time, a practice area will be available. The practice area has the only purpose to check car's functionality and set it up, simulating the driving condition of the track, not to prove full performance of the car. If other vehicles are waiting, any team may not run more than 5 (five) minutes inside the practice area, then the team may line up in the queue again. **Precedence will be given to teams running their first practice. Whenever the Team moves its car, the following rules must be followed:**

- Driver inside the cockpit, dressed up with a safety suit
- Fire extinguisher in the push-pull bar or accompanying the car
- The car must be pushed-pulled around.

The Practice Area will not be available on Sunday.

AUTOMOBILI LAMBORGHINI

We are Lamborghini

OUR ESSENCE: We have the bravery to promote and accelerate the evolution by breaking down the old boundaries of the status quo, still respecting the authenticity of our Brand. This is our DNA: we love challenge, keeping evolving beyond limits.

OUR ATTITUDE: Creating value is our mission. Sharing it is what makes us impactful, today and tomorrow. We embrace diversity and actively encourage inclusion. At Automobili Lamborghini we constantly work to intercept and spread the uniqueness of each member of the team, aware of the richness that comes from the meeting and exchange of differences.

OUR COMMITMENT: We want the world to evolve for the better, that's why we work to create value for society through a responsible and active approach. Our commitment to society translates into numerous initiatives from prevention to education, from research to volunteering.

JOIN US: We are looking for authentic, brave people, eager to go beyond their limits in a place that makes no distinction of gender, age or culture, working every day to value the authenticity of each person. We believe that everyone is unique and has his/her own potential. Show us yours and add your own colour to our iconic Brand!



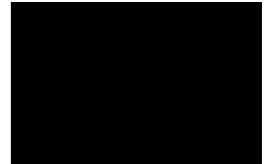
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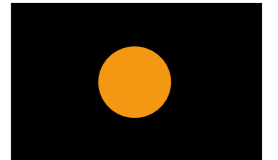
Flags

The following is a brief description of the flags that can be used with their meaning. Any variations from this list will be explained at the drivers' meetings.

Black Flag - Pull into the penalty box for discussion with the Chief Marshall/ Director of Operations or other officials concerning an incident. A time penalty may be assessed for such incident.



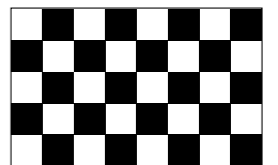
Black Flag - With Orange Dot - "Mechanical Black Flag" - Pull into the penalty box for a mechanical inspection of your car, something has been observed that needs closer inspection and that can be a fire that needs immediate extinguishing.



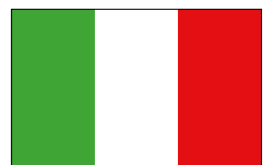
Blue Flag - Pull into the designated passing zone to be passed by a faster competitor. Obey the corner workers hand signals at the end of the passing zone to merge into competition.



Chequered Flag - Your session has been completed: exit the course where signaled.



Green Flag or Italian Flag - Your session has started, enter the course under direction of the starter. (NOTE: If you stall the vehicle, please restart and await another green flag as the opening in traffic may have closed.)



Red Flag - Come to an immediate safe controlled stop on the course. Pull to the side of the course as much as possible to keep the course open. Follow marshal's directions.



Yellow Flag (Stationary) - Danger, SLOW DOWN, be prepared to take evasive action, something has happened beyond the flag station, NO PASSING unless directed.



Yellow Flag (Waved) - Great Danger, SLOW DOWN, evasive action is most likely required, BE PREPARED TO STOP, something has happened beyond the flag station, NO PASSING unless directed.

Red & Yellow Striped Flag - Something is on the racing surface (e.g. oil) that should not be there. Be prepared for evasive maneuvers to avoid the dangerous situation.



White Flag - There is a slow moving vehicle on the course that is much slower than you are: be prepared to approach it at a cautious pace.



Additional Signs

Fire on Board - Marshalls are warning driver about a fire or a severe risk of fire on his car, driver is required to stop as soon as possible off the track and close to a Fire Fighter or a Marshall.



Lollipop - To help the driver in the restart from passing area, a lollipop with red round sign STOP may be presented in front of the helmet of the driver. ONCE LOLLIPOP IS RAISED, THEN DRIVER IS ALLOWED TO START and re-enter the track.



Weather Conditions

WET: Teams must fit rain tires to their vehicle if the course is declared wet.

DAMP: Teams have the option of dry or rain tires if the course is declared damp.

Teams are allowed 10 minutes to change their tires in the driver change area if a dry track is declared damp, or if a dry or damp track is declared wet.

If the tire change is happening at the same time as a scheduled driver change, the 10 minutes are in addition to the 3 minutes allowed for the driver change.

Teams are allowed to change their rain tires to dry tires if the course is dry or damp. However, this change is not permitted during the driver change, and the time taken to change the tires is included in the team's total time for the event.

The following chart summarizes the possible track condition changes, the team's options, and the time allotted for changes.

Track Initial Condition	Team's Current Tire Choice	Track Declared	Tire Change	Time Help	Allowed at Driver Change
Dry	Dry	Damp	Optional	10 minutes	Y
Dry	Dry	Wet	Mandatory	10 minutes	Y
Damp	Dry	Wet	Mandatory	10 minutes	Y
Damp	Rain	Wet	--	--	--
Damp	Dry	Dry	--	--	--
Damp	Rain	Dry	Optional	Zero	N
Wet	Rain	Damp	Optional	Zero	N
Wet	Rain	Dry	Optional	Zero	N

Acceleration Event

Acceleration will run in parallel with the Skid Pad event. There will be 2 lanes, one for the first driver and one for the second driver.

The event WILL STOP at the scheduled time, no matter how long Teams have been in the queue and how long the waiting line is. Each driver can take the second run immediately after the first one without going back to the end of the queue.

The first driver line will have the priority over the second driver line.

The car must proceed slowly during the realignment for the second run.

Excessive speed will be cause for disqualification.

Only team members with "Dynamic Pass" may stay with their car on the waiting line.

Class 1D:

When:

Friday, 15th July 14:30 - 17:00

Where:

Straight before the hairpin

Head of event:

Francesco Ristori

Class 1C, 1E:

When:

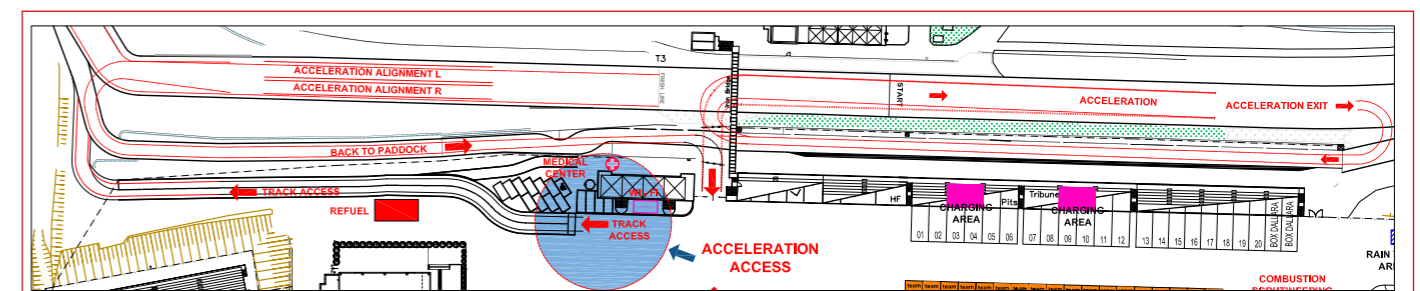
Saturday, 16th July 9:30 - 13:00

Where:

Acceleration

Head of event:

Nicola Rizzini



AUGMENTED PERFORMANCE

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Skid Pad Event

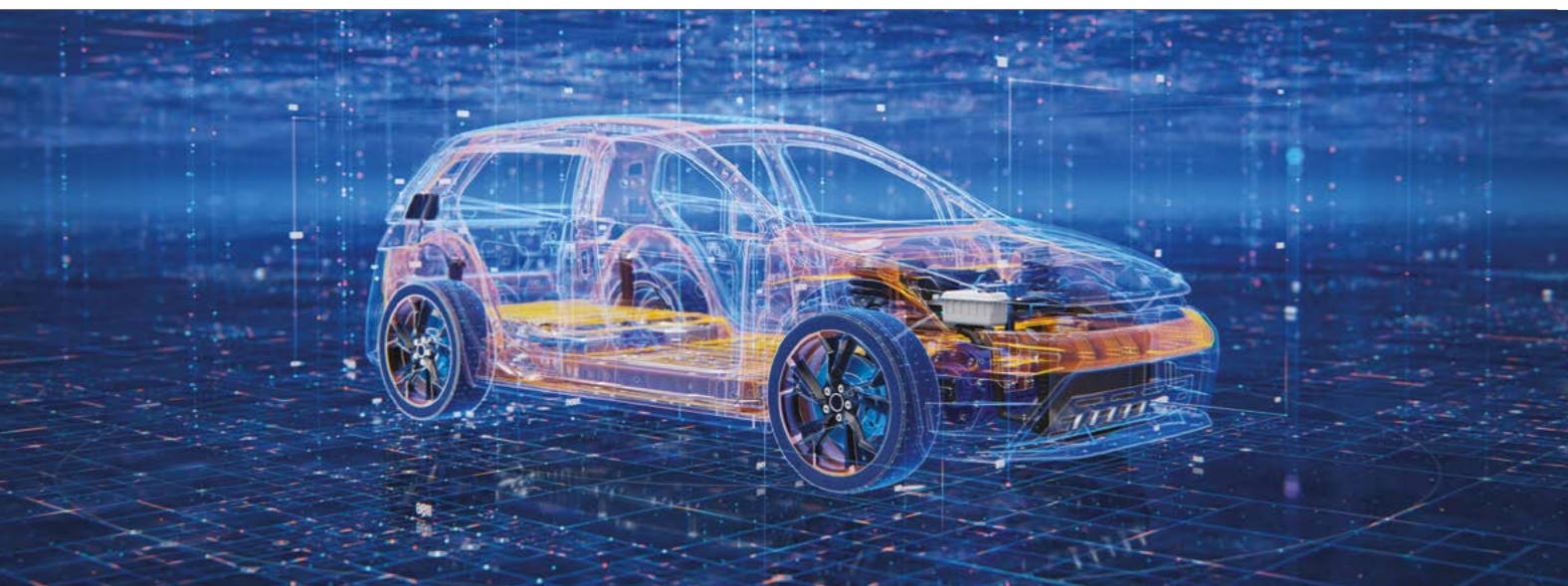
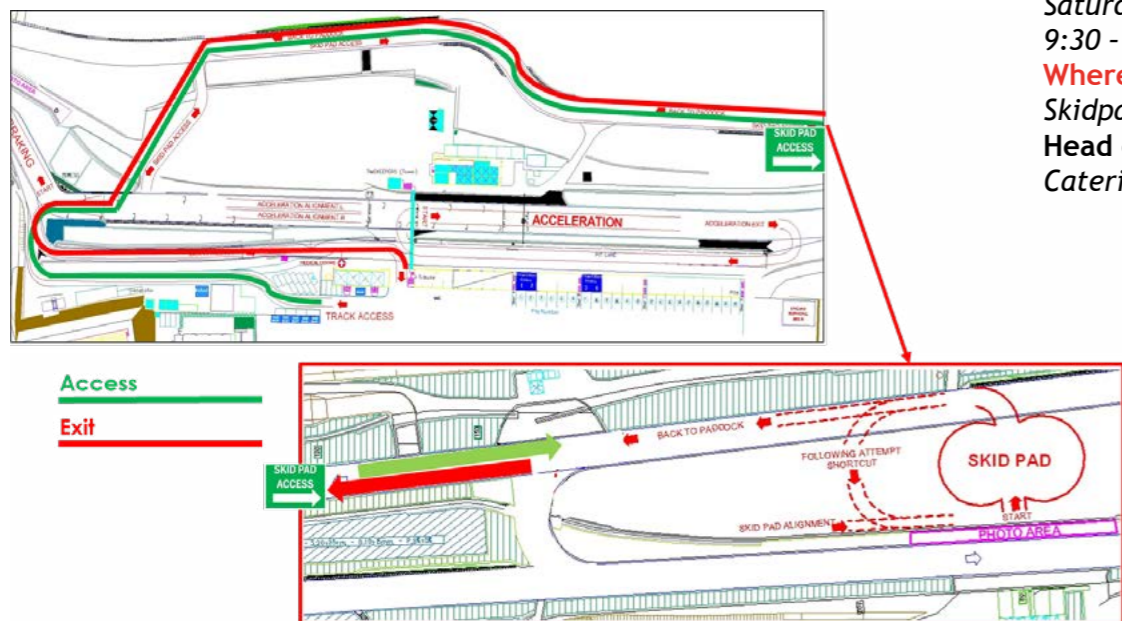
Skid Pad will run in parallel with the Acceleration event. There will be 2 lanes, one for the first run and one for the second run. The event WILL STOP at the scheduled time, no matter how long Teams have been in the queue and how long the waiting line is. Each driver can take the second run immediately after the first one without going back to the end of the queue. The first driver line will have the priority over the second driver line. Only team members with “Dynamic Pass” may stay with their car on the waiting line.

Class 1D:

When:
Friday, 15th July
17:00- 19:00
Head of event:
Francesco Ristori

Class 1C, 1E:

When:
Saturday, 16th July
9:30 - 13:00
Where:
Skidpad
Head of event:
Caterina Secchieri



Autocross Event

The autocross event will be held on the racetrack.

There will be 2 lanes, one for the first driver and one for the second driver. The event WILL STOP AT 18:30, no matter how long Teams have been in the queue and how long the waiting line is.

Each driver can take the second run immediately after the first one without going back to the end of the queue.

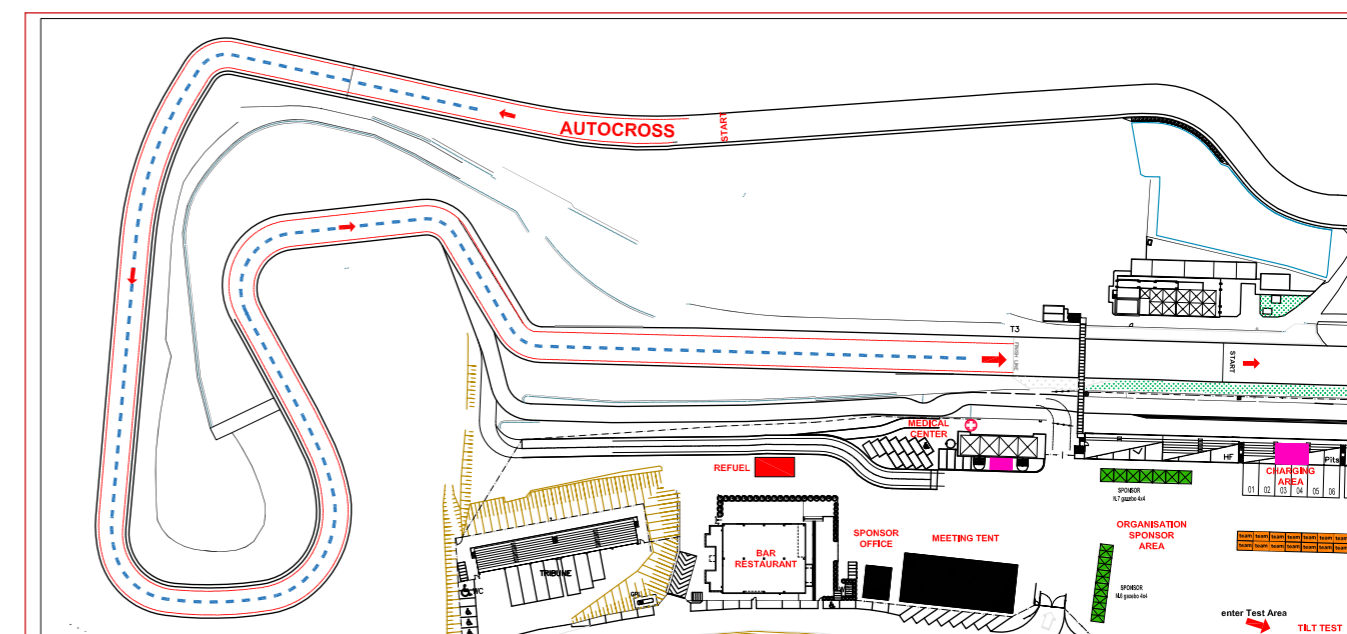
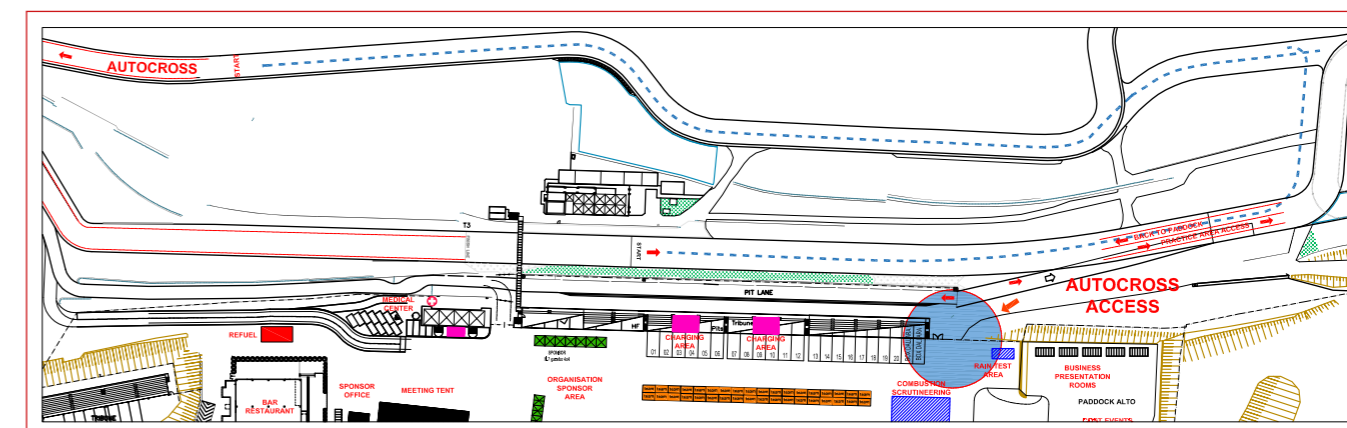
The first driver line will have the priority over the second driver line. More than one car may be on the track at the same time; in case of delay due to yellow flag caused by other cars the run may be repeated immediately.

For safety reasons, at the Autocross start, one team member with “Dynamic Pass” and quick jack and fire extinguisher is allowed to assist the car, in case of need.

When:
Class 1D
Saturday, 16th July
14:30 - 18:00
Where:
Skidpad
Head of event:
Francesco Ristori

When:
Class 1C, 1E
Saturday, 16th July
15:30 - 19:30
Where:
Track Area
Head of event:
Anja Herrmann
Praturlon

Class 1C, 1E



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Endurance Event & Parc Fermè Procedure

The starting order for the event will be based primarily on the Autocross event.

The start sequence will be from the slowest to the fastest autocross times. If a team did NOT score in the Autocross event, the vehicle will run at the beginning of the Endurance event, with the order based first on the finishing order of the Acceleration event, and then on the finishing order of the Skid Pad event.

Teams without a score in any event used to determine the run order will run in the order established by the race direction

Teams must run in the assigned heat- morning or afternoon.

The circuit of the endurance event is shown in the following picture.

Only team members with a “Dynamic Pass” may follow their car up to the staging area.

Spectators may follow the event from the grandstands following FSAE Italy Covid19 protocol.

Following the established starting order, the starter will instruct the vehicles to be ready and line up at the entrance of the track.

An official will perform a safety check of the vehicle and of the driver restraint system.

The starter will stage the vehicle’s front tires on a starting line.

When there is an opening on the track the starter will wave a flag signaling the go-ahead for the driver to start.

If vehicle stalls, the driver must wait for another flag before being allowed on the course.

When:

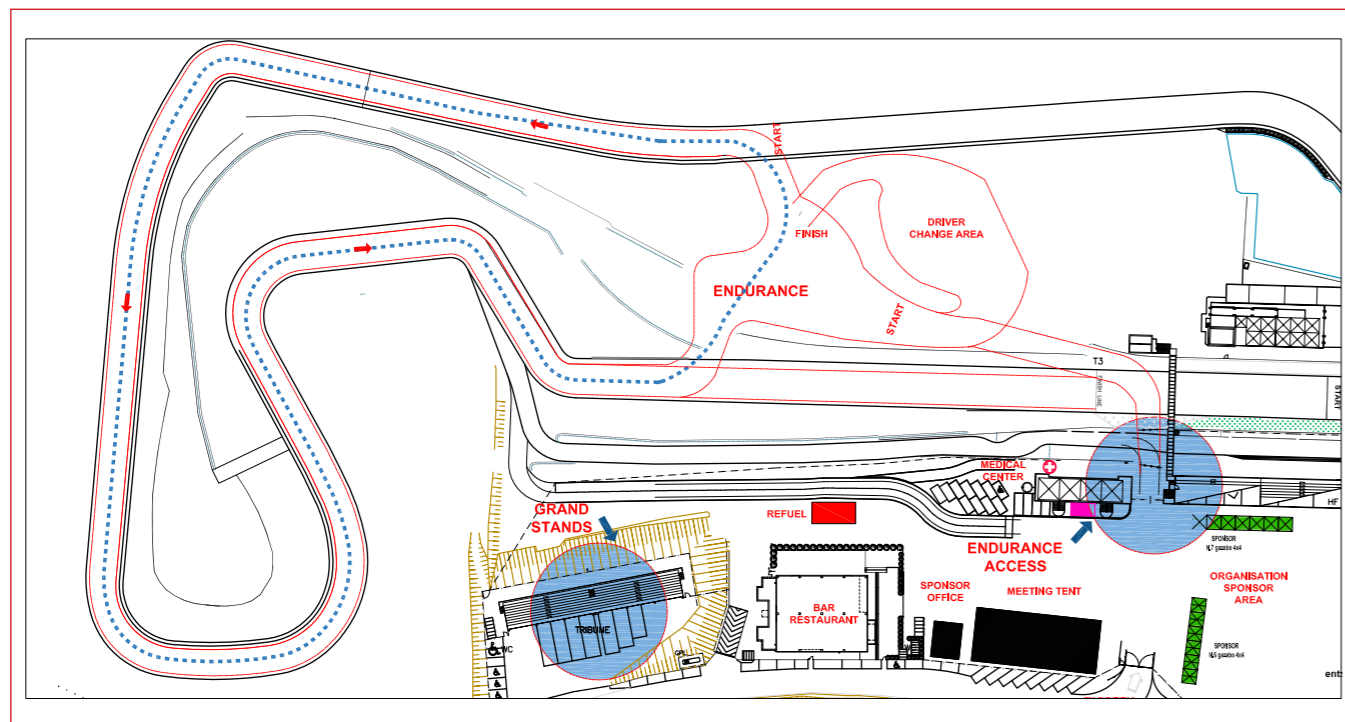
Sunday, 17th July
10:00 - 19:00

Where:

Track Area

Head of event:

Anja Herrmann
Praturlon



PLEASE NOTE: IF THE VEHICLE CANNOT BE RESTARTED WITHOUT EXTERNAL AID, THE CAR WILL BE DEEMED DISABLED AND DISQUALIFIED FROM THE EVENT.

The vehicle is expected to be ready for competition with 1st driver at team’s start time. If the endurance event is running late, the vehicle is still expected to be ready when its run order position is reached. If the vehicle is not ready when the official starter motions the vehicle to the starting line, a two-minute penalty will be assessed and the team will lose their time slot to run the event.

There will be more than one car on the track, so please pay attention to all the flags shown by the marshals and officials otherwise you may be penalized or disqualified.

On the last lap of the first driver, a chequered flag will be displayed and the vehicle directed to the driver change area.

It is the driver’s responsibility to exit the track; any person directing the car off the course is an additional aid only.

Only three people (including drivers) are allowed in the driver change area at once. After the vehicle arrives in the driver change area, the team has three minutes to get the second driver belted in and rolling out of the driver change area.

Only adjustments to fit the second driver may be performed on the vehicle.

No other work is allowed.

During driver’s change, car and safety equipment (i.e. suits and belts) will be checked by technical inspectors; only after this check the 2nd driver is allowed to enter the track.

In addition to D8.12 FSAE rules, the team of Electric Vehicle is not allowed to reset any control unit during Driver Change nor power cycling GLVS master switch.

In case vehicle requires power cycling GLVS master switch in order to activate tractive system, the team needs to request during technical inspection an exception for operating GLVS master switch during Driver Change.

PLEASE NOTE: NO REPAIRS OR WORK MAY BE PERFORMED ON THE VEHICLE DURING THE EVENT (with the exception of tire changes due to weather conditions).

If a blue flag is shown to your car YOU HAVE TO MOVE INTO THE SLOW LANE and slow down. Before entering the track again, YOU HAVE TO WAIT FOR THE GREEN FLAG or other sign (e.g. lollipop) being shown at the end of the slow lane: not respecting this flag/sign may lead, further to a time penalty, to serious accidents with injuries for you, for the other drivers and for the marshals!

Be responsible!

All the cars that end the Endurance event will be taken directly at the refueling station. No team member except the driver may enter that area: after the fuel consumption measurement, all the cars will be conducted directly to the Parc Fermè.

Team members are not allowed to enter the Parc Fermè before Officials communication.

Additional Endurance Penalties

The Chief Marshall/Director of Operations may disqualify a vehicle if, for any reason including driver inexperience and mechanical problems, it is too slow or being driven in a manner that, in the sole opinion of the event officials demonstrates an inability to properly control the car.

Results

The results of the static events will be published on FSAE Italy website (www.formula-ata.it) at the end of the statics without revealing the order of the first 3 classified teams. They will also be published at the circuit, near the Registration Office.

The results of each dynamic event will be published as soon as they are ready near the Registration Office.

Protest

If a team has a question about any official action it must be brought to the staff's attention for an informal preliminary review before a protest can be filed.

Any team intending to protest decisions or results must present a written issue to the Formula SAE Italy 2022 organizers.

The protest may occur only in case something happened which they feel has caused harm to their team or has had a substantive effect on their score.

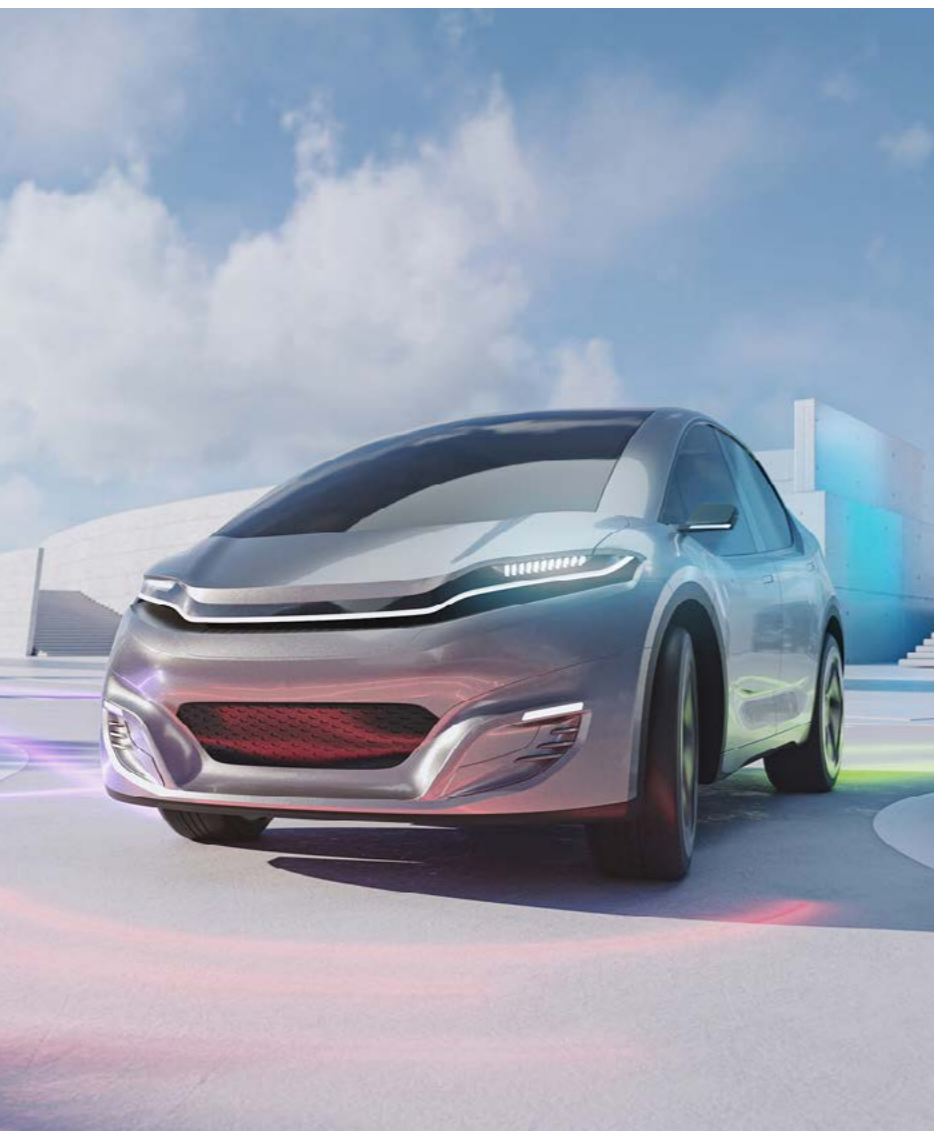
Teams may not protest for rule interpretations or actions that have not caused them any damage. In order to have a protest considered, a team must post a twenty-five (25) points protest bond which will be forfeited if their protest is rejected.

The protest period expires 30 minutes after the score has been published. Protest must be in written format and handed only by the team leader.

Failure of a team member to follow a decision directed specifically to that team or team member will result in a twenty five (25) point penalty.

Offensive Behavior

Any offensive behavior will be penalized with a penalty from 25 points to the exclusion from the competition.



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Camping information

Please be informed that the only vehicles admitted inside the campsite are the motor caravans.

ADDRESS

Via Guglielmo Marconi, Varano de' Melegari (Parma).

CAMPING CHECK IN

It is foreseen on **Tuesday, 12th July 2022 from 15:00 to 19:00** and **Wednesday, 13th July 2022 from 8:30 to 12:00**.

It is **MANDATORY** for all teams to comply with the timetable. Please take with you the **FINAL camping list** to report any changes on the list already submitted.

In order to comply with the **COVID-19 procedures** for risk mitigation and to maintain appropriate and applicable social distancing measures, at the campsite, the **Team Leader only (or one team member only)** will be allowed to register the team and also will be informed about the area reserved which will be assigned by the organizers. It will no longer possible choosing the space as happened before.

Teams will be informed later about detailed COVID-19 risk assessment and managing

ARRIVAL AND DEPARTURE

- Teams arrival: Tuesday, 12th July 2022 from 15:00
- Teams departure: Monday 18th July 2022 within 14.00.

At their arrival team members will be given wristbands for camping, which **MUST** be worn for the whole period.

CHARGE AND DISCHARGE OPERATIONS

Vehicles (cars and small vans; no trucks) are allowed to enter in the campsite to unload all equipments. After discharging operations, vehicles **MUST** be parked in the free authorized parking areas, located in the Municipality of Varano de' Melegari (Authorized parking areas). Only **ONE** vehicle will be allowed to enter in the campsite during the 6 days of the event to charge and discharge materials and must be parked outside right after. Only one green P will be given to all teams during the registration on July 13th, 2022.

AVAILABLE SERVICES

- Toilets and showers
- Electricity
- Free parking area
- Security service 24 hours a day
- Night medical assistance
- No camper service. In the town of Collecchio (about 20 km in Parma direction) there are 3 areas with camper services

Please note that also inside the paddock of Varano circuit, there are showers, toilets and sinks that teams can use during the event.

Please use sinks when possible (i.e. dishwashing) to avoid overcrowding toilets.

Camping Rules

Please pay attention to some behavior rules, in order to assure everyone's safety, peace and calm during the stay.

Therefore, everyone needs to comply with the following points:

1. COVID-19 MEASURES

Camping spaces will be previously assigned to all teams by the Event Organization. In absence of specific Covid19 pandemic restrictions set by the Italian Government for the open-air events, to safeguard all participants' health, it is recommended to avoid crowding. Teams will be informed with details later.

2. RESPECT THE VENUE AND THE FACILITIES

The Municipality of Varano gives hospitality to all the FSAE Italy participants during the event, allowing them the use of its football ground and inside facilities, so please leave the venue as you found it. Everyone needs to respect its own delineated space and the escape routes.

3. KEEP THE VENUE CLEAR OF ALL LITTER AND WASTE

Please use the appropriate dustbins available inside the campsite.

4. PARKING

All vehicles must be parked outside the campsite in free authorized parking areas, located in the Municipality of Varano de' Melegari. If a vehicle will be parked in a non authorized area, it will be fined or removed by the municipal localpolice.

5. NOISE LEVELS

Since the campsite is located next to private houses, please give consideration to noise levels. After midnight till 7.00 am please lower your voice and turn off the music.

6. OPEN FIRES

No open fires are permitted. Please use the appropriate barbecue equipments only in the two reserved areas and with a fire extinguisher to be on hand during use. If you have gas bottles, please keep them upright, away from sunlight and heat sources.

7. ELECTRICITY

Please be sure to take some useful electrical equipments for the connection to the electrical boards; i.e. industrial plugs, electrical extensions.

8. DANGEROUS BEHAVIOURS

Please consider that dangerous behaviors and alcohol abuse may cause you and other people serious harms.

In case of behavior against the rules, it could cost possible penalties which will effect on your team final result.

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