



Press release

## FORMULA SAE ITALY IS ON THE STARTING BLOCKS:

**THE VARANO DE' MELEGARI CIRCUIT IS SET TO HOST A TRULY GLOBAL EDUCATIONAL EVENT ORGANISED BY ANFIA, FROM SEPTEMBER 4TH TO 8TH. OVER 1,600 STUDENTS FROM ENGINEERING COLLEGES REPRESENTING 19 COUNTRIES WILL PARTICIPATE IN STATIC AND DYNAMIC TESTS, FOSTERING A RICH INTERNATIONAL EXCHANGE AND A HIGHLY FORMATIVE TEAMWORK EXPERIENCE.**

**The most numerous participation class is that of electric cars (Class 1EV), with 34 out of 67 participating teams. The internal combustion car class (Class 1CV) comes next with 19 teams, two of which competing with non plug-in hybrid cars. The driverless class (Class 1DV) comprises nine teams, with both electric and combustion vehicles. Class 3 (project presentation, without prototype) has five teams. This year, there is also a new double participation class, the 1DV + 1EV, which includes two of the nine driverless teams. In total, there are 21 Italian teams, coming from 18 different universities.**

*Turin, September 2nd, 2024* - The curtain is about to open on the **19th edition of Formula SAE Italy**, the educational event scheduled for **September 4<sup>th</sup> to 8<sup>th</sup>**, that involves university students from worldwide engineering faculties in an international technical-sporting challenge. The event, organised by ANFIA, will take place **at the 'R. Paletti' circuit in Varano de' Melegari (Parma) - partner of the initiative together with SAE International - with the main sponsorship of Iveco Group and the media partnership of Auto Tecnica, Motorsport.com and Motor1.com.**

During this 'fivedays competition,' about 1,600 students from 19 countries and 63 different universities— representing **67 university teams**—will gather in the heart of Emilia's motor valley. 52 of the total 67 teams come from the European Union (21 Italians from 18 different universities) and 15 from outside the EU.

There are four classes of participation in the event:

- 1. The electric car class (Class 1EV) is the most numerous one, with 34 teams involved.**
- 2. The Internal combustion car class (Class 1CV) follows with 19 teams, two of which competing with non-plug-in hybrid cars.**
- 3. The driverless class (Class 1DV) consists of nine teams, and the vehicles are always in driverless mode during dynamic events. This class includes both electric and combustion cars.**
- 4. Class 3 (project presentation, without prototype) comprises five teams.**

This year, there is a new double participation class, the 1DV + 1EV, which includes 2 of the nine teams in the 1DV class.

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The event benefits from the patronage of the Emilia Romagna Region, the Province of Parma and the Municipality of Varano de' Melegari, as well as the support of 36 authoritative sponsors and partners, leading companies in the automotive supply chain represented by ANFIA, associations, consultancy and recruitment companies. The sponsors are thirty-one: **Amaris Consulting, ASK Industries, Automobili Lamborghini, Bosch, Brembo, Capgemini Engineering, Dallara, Danisi Engineering, Duerre Tubi Style, Dumarey, Ferrari S.p.A., FEV eXaV, Geico, IHI Charging Systems International, Industrie Saleri Italo, Italdesign, Iveco Group (main sponsor), Magna, Marelli, MathWorks, Meccanica 42, Pirelli, Podium Advanced Technologies, PwC Italia, SKF, SmartCAE, Synergie, Teoresi Group, VHIT, Vimercati and YCOM.** The five technical partners of the initiative are **Adler-Pelzer Group, Beond, CSI, Flag-MS and Training4U.**

The Formula SAE competition was initiated in 1981 by the Society of Automotive Engineers (SAE). It challenges students to design and build a prototype single-seater racing car with specific technical and economic constraints, simulating a real-world commission in the automotive industry. The competition includes **static tests such as the Design Event, Business Presentation Event, and Cost Event,** and **dynamic track tests such as Acceleration, Skid Pad, Autocross, and Endurance** (replaced by **Trackdrive** for Class 1D).

The event's primary goal is to emphasise the engineering knowledge, commitment, organisation, adherence to deadlines, design coordination, and product presentation skills of the participating students, rather than just focusing on the competition itself. It is an educational opportunity for students to learn about teamwork, work within specific regulations and deadlines, and apply their skills in the actual construction and design phases of the prototype car, encountering and overcoming various challenges.

The event's opening ceremony is scheduled for Wednesday, September 4th, at 09:00pm on the track's straight. After welcoming the teams, the ceremony will be attended by the **President of the ANFIA Components Group and Vice President of ANFIA, Marco Stella and Pierpaolo Biffali, Head of Powertrain Product Engineering of Iveco Group** representing the event's main sponsor.

On Sunday, September 8th, the event will come to an end with a closing ceremony on the circuit's finishing straight, in which all of the students will participate, and all the winners will be awarded.

. There will be awards for several categories, divided by class (Combustion, Electric, Driverless, 1EV + 1DV or projects without a prototype) and by type of test.

This year, **ANFIA** will award the **Best Social Networker on the FSAE Italy 2024 App** to the most active student on the **FSAE Italy 2024 App**, a new feature introduced to facilitate matchmaking, for recruitment purposes, between university students taking part in the event and representatives of the companies sponsoring and partnering the event.

Special prizes awarded by the sponsors include the prize for the best cost-efficient car, offered by **Dallara**, and the prizes awarded by **Ferrari S.p.A.** to the first classified 1CV and 1EV teams in the dynamic Endurance & Efficiency test. **FEV eXaV** will offer the "Innovative Strategies for e-PWT

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System Control" award, while **Geico** will give the "Top Coating Award" to the team with the best surface finish in terms of quality and innovation. **Magna** will offer the "The Most Digital Engineering" award and **Marelli** will reward the team that has the best-balanced competitive performance with sustainable and inclusive impact practices. **Podium Advanced Technologies, instead**, will give the "Podium Advanced Technologies Best Battery Award" to the team that has developed the most innovative battery system in compliance with all project requirements and constraints. Finally, **SKF** will offer the "Sustainability at 360 degrees: stay tuned, embrace the change" award, rewarding the winning team's adherence to a set of ESG principles, while **Teoresi Group** will award a prize to the team with the best electronics development process (innovative controls, methods and architectures).

The FPT Industrial and IVECO brands will represent the main sponsor, Iveco Group. FPT Industrial, a brand dedicated to the design, production and sale of propulsion systems and solutions for on-road and off-road, marine and power generation applications, will display at the track the F1C NG engine, the only natural gas engine for light commercial vehicles and minibuses, and the two electric axles eAX 300-F, front single engine of over 300 kW, and eAX 600-R, rear dual engine of over 600kW, developed in combination by FPT Industrial and Maserati for the new 100% electric Maserati Gran Turismo Folgore. The XCURSOR 13 engine, the FPT Industrial demo truck, will be also on show, and will be fitted with two eAx 375-Rs, and the S-Way Metallica Special Edition natural gas-powered heavy vehicle from IVECO - a brand of the main sponsor **Iveco Group** that designs, produces and markets light, medium and heavy vehicles - customised with a special edition livery inspired by the partnership with the Metallica band.

**ASK Industries** will present a Pagani Huayra Roadster BC equipped with ASK's nine-channel audio system and top-class speakers and amplifiers. Advanced signal processing solutions characterise this audio system. The design and equalisation of the audio system are optimised to perfectly blend the pleasure of listening to music with the melody of the engine. Dallara will also display a Dallara road car inside its pit box at the racetrack.

In addition, a **two-seater Abarth 695** an **Alfa Romeo Giulia GTA**, and a **Dallara Stradale**, available for hot laps with drivers, will participate in the **Track Show** (Friday, 6/09, from 02:00pm to 02:30pm), running together on the track.

The event will feature additional activities and entertainment specifically for students, including the **Welcome Pasta Party** on Wednesday, September 4th, in the Varano de' Melegari party area, where ANFIA will be offering a variety of pasta dishes to taste.

The event is **open to the general public for all five days**.

Tickets for access to the paddock can be purchased online:

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(<https://www.ciaotickets.com/it/biglietti/formula-sae-italy-varano>) or directly at the racetrack during Formula SAE Italy at the Registration Area. The rates are specified at the following link: <https://www.formula-ata.it/tickets-visitor/>

You can also join a **guided tour in Italian or English** on Saturday, September 7th, and Sunday, September 8th.

The initiative's website (<https://www.formula-ata.it/>) provides all further information, including the complete programme (<https://www.formula-ata.it/official-schedule/>), the list of participants (<https://www.formula-ata.it/registered-teams/>), and all event details.

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**ANFIA - Italian Association of the Automotive Industry**

Born in March 1912, over these one hundred years, ANFIA mission has always been to represent the interests of its associate members and ensure effective communication between the Italian motor vehicle industries on the one hand, and the Public Administration and Italian political bodies on the other, with regard to all technical, economic, fiscal, legal, statistical and quality-related issues referred to the automotive sector. The Association is structured in three product-based Groups, each one chaired by a President. Components: motor vehicle parts and components manufacturers; Car Coachbuilders and Designers: companies working in the sector of design, engineering and style of motor vehicles and/or parts and components for the automotive sector; Motor vehicles: motor vehicles manufacturers in general, including trucks, trailers, camper vans, special means of transport.

[www.anfia.it](http://www.anfia.it)

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**The Automotive Production Chain in Italy**

5,439 companies

272,000 employees (direct and indirect), the 7.3% of the employees in the Italian manufacturing sector

100.6 billion Euros of turnover, which means 11.5% of the Italian manufacturing sector turnover and of 5.6% the Italian GDP

76.3 billion Euros of tax levy of motorization

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### Formula SAE Italy

Formula SAE was established in 1981 on the initiative of the Society of Automotive Engineers (SAE) and requires the participating students to design and build a prototype single-seater racing car destined for eventual sale. They must follow specific technical and financial constraints as if a company in the automotive sector commissioned it for a non-professional user. During the event, the teams of students take part in static tests - Design, Business Presentations and Cost Events - and dynamic tests on the track (Acceleration, Skid Pad, Autocross, Endurance; for Class 1D, the Endurance has been replaced by the Trackdrive).

The event aims to focus not on the competition itself, but the skills acquired by the young people in terms of engineering knowledge, commitment, organisation and adherence to deadlines, design coordination and product presentation. Thus, the competition is an educational event in which young people can learn teamwork dynamics, with strict rules and deadlines that must be respected and be put to the test in the actual construction and design phases of a prototype and with all the difficulties that this entails.

Formula SAE arrived in Italy in 2005, organized by ATA (Associazione Tecnica dell'Autoveicolo). After 12 editions, since 2017, with the acquisition of ATA by ANFIA, the organization of the event passed to ANFIA, which organized 4 editions at "R. Paletti" Racing Track of Varano de' Melegari (Parma).

<https://www.formula-ata.it/>

### Social channels of Formula SAE Italy:



@FormulaSAEItaly  
[x.com/FormulasAEItaly](https://x.com/FormulasAEItaly)



Formula SAE Italy  
[@formulasaeitaly](https://www.instagram.com/formulasaeitaly)



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