



Press Release

LIGHTS ON FORMULA SAE ITALY

Three digital initiatives to look to the future of the educational event which involves engineering students from all over the world every year. A contest about the evolution of the rules to 2025, another about the designing of a Formula SAE concept car to 2025 - with the participation of ANFIA Car Coachbuilders and Designers Group - and, in the end, a virtual edition of the Design and of the Business Presentation Events, which will end with the virtual Closing Ceremony on November 14th

Turin, October 27th October 2020 - Following the cancellation of the 2020 edition of Formula SAE Italy because of the health emergency due to COVID-19 pandemic, ANFIA together with FSAE Italy Organizing Committee decided to look ahead and involve students to take part directly in the design of the future of this educational and international event, which gathers every year about 2,000 students of the worldwide engineering faculties.

Few months ago has been launched a survey to worldwide students of the ANFIA database to propose two contests looking at the future - *Beyond the Rules* and *Design for Future: Dream your 2025 FSAE Italy Car* - and once collected the preferences and the interests of the future engineers. After that these two initiatives met a good interest among students, it has been added also the *Formula SAE Italy Virtual Statics*, virtual edition of the Design and of the Business Presentation Events, traditionally part of the event in presence which are called "Static Events".

After the Summer break and the collection of team registrations, the first edition of the *Beyond the Rules* contest, dedicated to the evolution of the Formula SAE Italy rules, officially opened and is still ongoing. From the beginning to the present day, the rules have evolved over time in line with the technological advances in the automotive sector, already hosting the first edition, in 2005, alternative powered, hybrid, electric and fuel cell cars. A real Formula Electric Italy was then consolidated and, starting from 2018, the Formula Driverless Italy was introduced, both still an part of the event and often they are the stage of interesting and design ideas.

The automotive and the motorsport evolution race never stopped, on the contrary it is accelerating. The challenge to reduce the environmental impact of mobility, especially in terms of polluting and climate-changing emissions and energy efficiency of vehicles, in fact, pushes towards further technological frontiers, which concern propulsion systems and aerodynamics, as well as the use of new materials and production processes.

In order to challenge themselves with new goals and to make Formula SAE Italy more and more stimulating and connected with reality, in this contest students are called to draft the event rules to 2025, where to propose currently and feasible technological solutions, reflecting on all possible propulsion and categories of participation. It is required a draft of maximum length of three folders, with the possibility to attach renderings and drawings. The submission deadline has been

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set to next **November 6th**. The Formula SAE Italy Technical Committee will evaluate the drafts and will award the best team.

In the *Design for Future: Dream your 2025 FSAE Italy Car*, as a car design contest, students are called to draw a 3D model of a FSAE Italy concept car - thought as a show prototype, showcar, in which also technological solutions not yet on nowadays market, but feasible are allowed together with a press note explaining the project in detail, it is not mandatory to comply strictly with the current FSAE Italy rules.

A jury made of car design, style and engineering experts, coming from the companies affiliated to ANFIA Car Coachbuilders and Designers Group and from other companies, partners of the event - in details- Blue Engineering, Bylogix, CSI, CUNA, Dallara Automobili, Danisi Engineering, ESI Italia, FCA Italy, Focaccia Group, Granstudio, Italdesign-Giugiaro, Meccanica 42, Pininfarina, PMFACTORY and Podium Engineering - together with some of the FSAE Italy Judges of the Design Commission, will evaluate the drafts, in submission on **November 6th** and will select the first 3 winners, who will be awarded and whose works will be published on the Formula SAE Italy website.

As part of the contest, will also organized several Talent Talks for students by some of partner companies.

In the end, the *Formula SAE Italy - Virtual Statics* will see students involved in the Design event and Business Presentation event, organized on a digital platform, from **November 12th** to **November 13th**. Based on the current rules of Formula SAE Italy, the initiative will divide the teams into three classes of participation 1C (endothermic cars), 1E (electric cars) and 1D (driverless cars), in each will be awarded the best team both in the Design event and in the Business Presentation event, according to the evaluation of the respective juries of Formula SAE Italy.

Among the goals of the initiative, in addition to keeping alive the attention of stakeholders and the commitment of the teams to the event, there is also to test new ways to stage the statics events, since the current difficulties to organize on site international events, testing and collecting feedback from students and judges also in view of the planning of the Formula SAE Italy 2021.

During the morning of November 14th, is scheduled, always on a digital platform, the ceremony where there will be awarded the winners of the three initiatives.

All the details about the Formula SAE Italy 2020 Digital Initiatives - including the lists of the registered teams and of the juries - are available on the event website, visiting the page "2020 Initiatives" (<https://www.formula-ata.it/2020-initiatives/>) where there will also be published more information.

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ANFIA - Italian Association of the Automotive Industry - is one of the leading Italian Trade Associations, members of CONFINDUSTRIA. 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.

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Formula SAE Italy

Formula SAE born in 1981 organized by the Society of Automotive Engineers (SAE). It is a student design competition which involves the departments of engineering of the Universities worldwide. Students measure themselves in the design and production of single-seater prototype racing, combustion or electric cars, including driverless ones, intended for possible marketing, following particular technical and economic constraints, as if they were commissioned by a company in the automotive sector for a non-professional. During the event, teams have to face statics events - Design Event, Business Presentation Event and Cost Event - and dynamic ones on track (Acceleration, Skid Pad, Autocross, Endurance; for Class 1D Autocross and Endurance are replaced by Trackdrive).

The goal of this educational event is to focus on the students skills, making them live an educational experience where to learn the teamwork, with specific rules and deadlines that have to be respected, and testing them on the building and designing of a car, with all the difficulties that this implicate. Formula SAE arrives in Italy in 2005, organized by ATA (Associazione Tecnica dell'Autoveicolo). After 12 editions, since 2017, with acquisition of ATA by ANFIA, the organizing passed to ANFIA, which organized three editions at "R. Paletti" Racing Track of Varano de' Melegari (Parma).

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

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FSAEItaly

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