



Press Release

FOR THE FIRST TIME WE SAW THE ITALIAN FLAG ON THE PODIUM AT THE XV EDITION OF THE FORMULA SAE ITALY, FORMULA ELECTRIC ITALY & FORMULA DRIVERLESS: EXCELLING, IN CLASS 1C WAS THE POLYTECHNIC OF MILAN, IN CLASS 1E THE POLYTECHNIC OF TURIN AND IN THE DRIVERLESS CLASS THE UNIVERSITY OF ROME LA SAPIENZA

**In Class 3 the University of Rome Tor Vergata triumphed,
while the team of the University of Padua took second place in Class 1C**

Varano de' Melegari, 29th July 2019 - The 15th edition of Formula SAE Italy, Formula Electric Italy & Formula Driverless - an international competition organised by ANFIA in partnership with SAE International and the Autodromo "R. Paletti" of Varano de' Melegari ended yesterday with its closing ceremony at 8.30 p.m. The main sponsors of the event were FCA who were in attendance with their Abarth brand, and Dallara. The initiative was attended by more than 2,600 students from 26 countries (India and Israel being the furthest) representing 79 different universities. A total of 86 teams took part in the competition, 69 of which were European and out of those, 17 were Italian representing 15 universities.

For the first time in the history of Formula SAE Italy, the podium of the **Class 1C (internal combustion cars)**, saw the first place taken by an Italian team, namely the **Polytechnic of Milan with their Dynamis PRC team**, which came 4th in last year's edition. This team showed that it has developed significantly over the last year, achieving high scores in all tests and winning both the Design Event and the Endurance Class 1C, thanks to a car that was well set up and with some excellent teamwork. In second place was the **University of Padua with their Race UP Combustion team**, they presented an excellent car, but was slightly slower in the endurance section. In third place was the **Czech Technical University of Prague with its CTU CarTech team**, their car was well designed, and the team performed exceptionally well, especially in the static sections (second place in the Design Event).

Another first for an Italian team was in the **Class 1E (electric cars)**, where the **Polytechnic of Turin triumphed with their Squadra Corse**, which came in third place last year. They had consistent performances in all tests and an excellent performance in the Endurance category, even though they didn't take the Autocross test, while the **University of Ljubljana - Superior engineering**, took second place along with second in the Endurance section for class 1E. Third place went to the **Aristotle University of Thessaloniki, with the Aristotle University Racing Team Electric - Aristurtle**, achieving a good position in the Endurance and victory in the Business Presentation Event, for the second year running.

Italian teams were also on the podium in **Class 3 (presentation of the car's design only)**, where top position was taken by **STV-Scuderia Tor Vergata University of Rome Tor Vergata**, followed, in second place, by the **Unical Racing Department of the University of Calabria** and, in third place, the **Unitus Racing Team of the University of Tuscia**.

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In Class 1D (Driverless), in its second year at the Formula SAE Italy, the first place went to the **University of Rome La Sapienza - Sapienza Corse**, whose car proved to be the most ready to take the various dynamic tests and the only one, in this category, to complete each test and thereby automatically winning first place, followed by **Delft University of Technology - MITeamDelft**, which was a more structured team but had problems with the car's performance in dynamic tests, and **RWTH Aachen - Ecurie Aix Formula Student Team**, which was given an award by the sponsors of the event for their high level of technology and good rankings in the static tests.

"The fifteenth edition of Formula SAE Italy and the third organised by ANFIA is confirmation of the success of the previous editions with Italian teams triumphing, having improved significantly compared to last year - commented Gianmarco Giorda, Director of ANFIA. There were numerous points of interest in this international team challenge, starting with the innovative technological solutions that were praised by the judges, particularly in the electric and driverless car classes, the current development frontier of the automotive sector. For the first time, an Italian team, that of the University of Rome La Sapienza, took on the challenge of the new autonomous driving class, competing with the only driverless combustion car in the event and winning first prize in this category.

At the heart of this event, as in the previous years, is the passion and enthusiasm shown by the students and the opportunity for them to meet and interact with qualified professionals from leading companies within the automotive and motorsport sectors, who were present throughout the event as staff, sponsors and judges and made significant contributions to the educational aims of the initiative. Both the more experienced teams and the newcomers have benefited from this experience and have learnt important lessons that will allow them to develop over the years, gaining an increasingly professional approach. As ANFIA - concluded Giorda - we work tirelessly to improve and promote this event, increasing its worldwide visibility and attractiveness while focusing on its purpose as a link between the worlds of universities and industries. All this is made possible by the support provided by companies in the automotive industry that are directly involved in the preparatory phases and present during the event".

Yesterday the **Endurance** test was held on the track (275 points out of a total of 1,000), which aims to assess the overall performance of the individual cars in the race and represents one of the main events of the competition. It takes place over a total distance of around 22 km on the racetrack. The team members are not allowed to work on the vehicles during the test, while a change of driver is mandatory during the middle of the test. The order in which the teams take to the track is based on the results from the Autocross test, leaving the fastest teams last. The overall endurance time is the total time taken by each driver, plus any penalties, compared to the fastest team on the track.

The opportunity to race on a racetrack, which has always been greatly appreciated by the competing teams, has guaranteed the safety of the tests and provides prompt emergency assistance should the need arise.

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The 1C Class Endurance test showed a high level of overall performance, with very few breakdowns and the "top four" formula: the four fastest teams, who were last to race made it an exciting event, highlighting the spirit of competition on the track. The dominance of the Polytechnic of Milan stood out and thanks to their victory in the endurance test was able to secure overall first place in Class 1C. Also worthy of note was the performance by the FS USURT team from Ural State University of Railway Transport, which was successful in reaching the finishing line amidst the jubilation of the officials and the public present, despite some obvious difficulties with the car.

The Endurance test for the electric class took place in the rain and therefore in unfavourable conditions for the drivers, who were forced to show their skills and abilities. FS Team Tallinn unexpectedly withdrew from the race, despite having a high quality car, which deprived them of a healthy placing, thus allowing the Polytechnic of Turin to 'bounce back', which after having won an excellent endurance race, took home the overall 1st place victory in Class 1E.

In detail for this dynamic test, in **Class 1C**, first place was won by, the Dynamis PRC team of the Polytechnic of Milan, and winning the **prize offered by Abarth**, followed by THM Motorsport of the Technische Hochschule Mittelhessen and the University of Padua with the Race UP Combustion team.

In the **1E Class**, the PoliTO Racing Team from the Polytechnic of Turin won the Endurance award (and was awarded the relevant **Abarth prize**), followed by Superior Engineering from the University of Ljubljana and the Aristotle University Racing Team Electric - Aristurtle from the Aristotle University of Thessaloniki.

In the **1D Class**, which faced the **Track-drive test instead of Endurance**, the **Abarth prize** was awarded to the Sapienza Corse team from the University of Rome La Sapienza, followed, in second place, by Ecurie Aix Formula Student Team RWTH Aachen and in third place, by munichMotorsport.

During the award ceremony the **prizes for the static events - Cost Event, Business Presentation Event and Design Event** - were also awarded, thus making the winners' podium official.

The 1D Class **Cost Event** saw first place going to the University Racing Eindhoven team from the Eindhoven University of Technology, followed in second place by Sapienza Corse from the University of Rome La Sapienza and, in third place by the Ecurie Aix Formula Student Team RWTH Aachen. In the 1E Class, the E-Motion Rennteam Aalen team from Hochschule Aalen took first place, followed, in second place by the PoliTO Racing Team from Polytechnic of Turin and in third place, by the Aristotle University Racing Team Electric - Aristurtle from Aristotle University of Thessaloniki, which were on a par with the Blue Flash Mobility Concepts team from HAWK Göttingen. Finally, for Class 1C: E-Team Racing Team from the University of Pisa and followed by UH Racing from the University of Hertfordshire and the University of Padua with their team Race UP Combustion.

In the **Business Presentation Event**, for Class 1D, first place went to Sapienza Corse from the University of Rome La Sapienza, followed, in second place by MITeamDelft from Delft University of Technology and, in third place by Ecurie Aix Formula Student Team RWTH Aachen. In the 1E

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Class, the Aristotle University Racing Team Electric - Aristurtle of the Aristotle University of Thessaloniki confirmed its first-place position, followed by HofSpannung Motorsport from the University of Applied Sciences Hof and the Blue Flash Mobility Concepts team from HAWK Göttingen, who were in second and third place respectively. Finally, for Class 1C: University of Pisa with E-Team Racing Team came in first place, followed by Dynamis PRC of Polytechnic of Milan and PWR Racing Team of TU Wroclaw.

For the 1D Class **Design Event**, MITeamDelft from Delft University of Technology came first, followed, in second place by munichMotorsport and in third place, Ecurie Aix Formula Student Team RWTH Aachen. In Class 1E, FS Team Tallinn from Tallinn University of Technology took first place, as it did last year, followed in second place by the PolyTO Racing Team from the Polytechnic of Turin and third place went to E.Stall from UAS Esslingen. Finally, for Class 1C: Polytechnic of Milan with their Dynamis PRC team, followed by CTU CarTech from the Czech Technical University of Prague and High-Octane Motorsports from Friedrich-Alexander University Erlangen Nuremberg.

There were also special prizes given out by the sponsors. In addition to the prizes that were awarded by Abarth, the **Lamborghini award** for "Best integration between powertrain and chassis controls" was awarded to the MITeamDelft of the Delft University of Technology; the **Dallara prize** "Award for the best Car/Resources balance" was awarded to the Race UP Combustion team of the University of Padua; the **DRIV award** "DRIVING the Future" prize was awarded to Ben Gurion Racing Electric of the Ben-Gurion University of the Negev; the **Red Bull awards** for "First Italian Team Classified in the Endurance Event - Class 1C" was presented to Dynamis PRC of Politecnico di Milano and the "First Italian Team Classified in the Endurance Event - Class 1E" was presented to the PoliTo Racing Team of Politecnico di Torino; the **Teoresi award** "Driverless and electric vehicle SW development process flexibility award" was presented to Ecurie Aix Formula Student Team RWTH Aachen; and the **ZF award** "See. Think. Self-drive." was awarded to Ecurie Aix Formula Student Team RWTH Aachen too.

Further information can be found on the event website (<https://www.formula-ata.it/>), where you can find the complete schedule, list of participants and all the details about the event.

At the following link the daily official videos of FSAE Italy 2019:

https://www.youtube.com/channel/UCs4_AZpgOWjuODLTNjE3ZHq

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For more information: ANFIA Press Office

Miriam Gangi (Ms.) - m.gangi@anfia.it

Telephone: +39 011 5546502

Mobile: +39 338 7303167

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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Locations: 10128 Turin - Corso Galileo Ferraris, 61 - Phone +39 011 5546511 - Fax +39 011 545464 - E-mail: anfia@anfia.it -
00144 Rome - Viale Pasteur, 10 - Phone +39 06 54221493 (4) - Fax +39 06 54221418- E-mail: anfia.roma@anfia.it
www.anfia.it