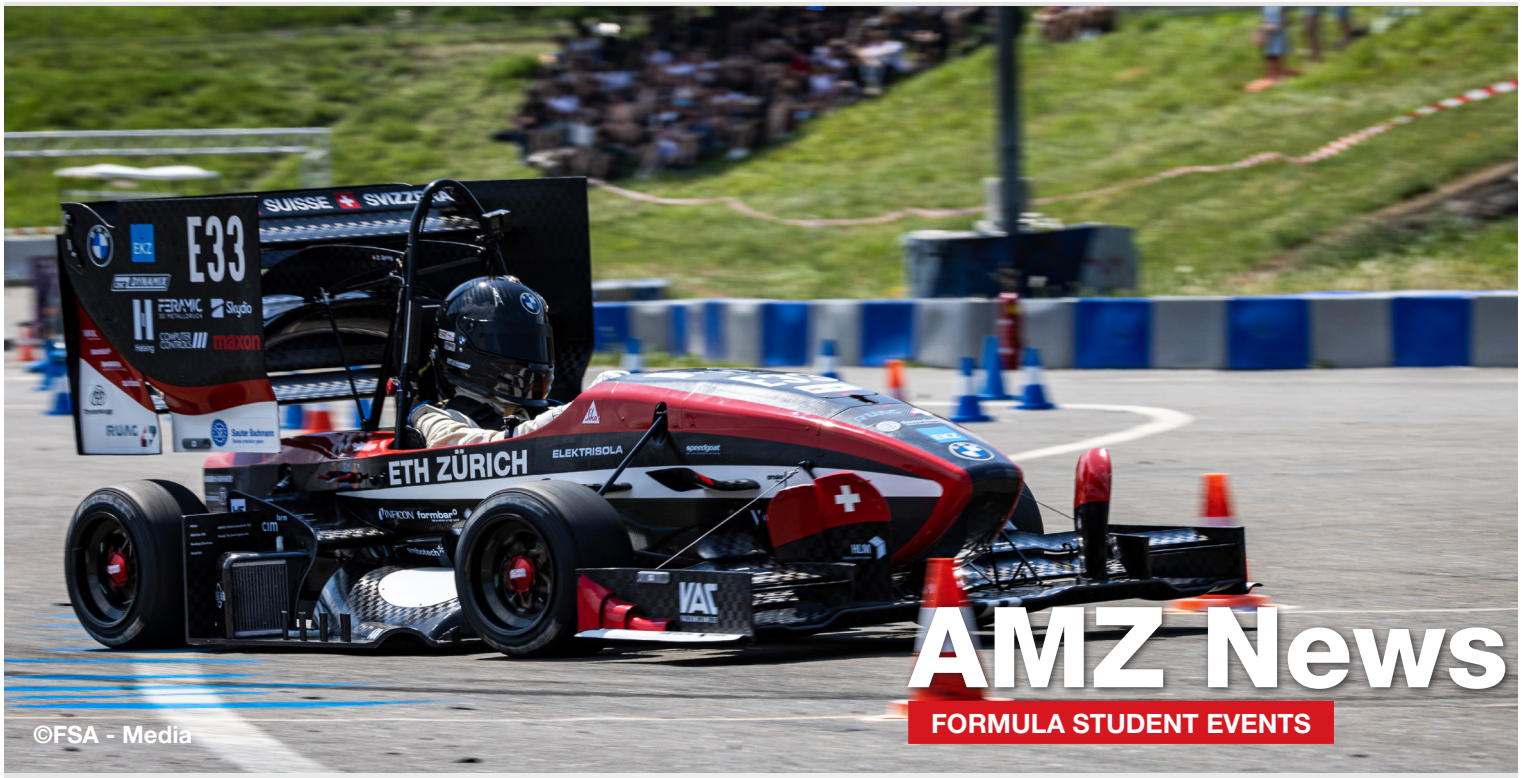


AMZ News

FORMULA STUDENT EVENTS

Main Sponsors

BMW GROUP · Rolls-Royce Motor Cars Limited · Wir bringen Energie EKZ · Helsing · maxon · RUAG · Sauter Bachmann

Premium Sponsors

CNC DYNAMIX · COMPUTER CONTROLS · ELEKTRISOLA · FERAMIC 3D METALLDRUCK · KISTLER measure. analyze. innovate. · Skydio · thyssenkrupp · VAC VACUUMSCHMELZE

Sponsors

ABB · amsler Swiss-machined plastic parts · ANB Boumi AG · aufco ag Haushalt | Geschenke | Gastro · autobau™ · Baumer Passion for Sensors · cim form · distec ag METALLTECHNIK · DOHNER · embotech · formbar high precision at high speed · HxGN SmartNet by HEXAGON · HLM Shaping ideas to come · HUBER+SUHNER · INFICON · Interferenz CNC Fertigung • Optische Baugruppen · libs Industrielle Berufslehren Schweiz · LWT Lehrwerkstatt für Mechanik Basel · MANSER · MEGA Mechanische Werkstatt AG CNC-Fertigungstechnik · precimation we know how to connect · RAU AG · SIEMENS · Sika BUILDING TRUST · speedgoat real-time simulation and testing · Switzerland Innovation Park Zurich · tecnopinz Swiss Quality Made · Vincotech · WKK ihr partner für stanzartikel · WE

FS Switzerland Results

- P1: Driverless Overall
- P1: Driverless Engineering Design
- P1: Engineering Design
- P1: Driverless Acceleration
- P1: Acceleration
- P1: Driverless Skidpad
- P1: Skidpad
- P1: AutoX
- P2: Cost and Manufacturing
- P4: Business Plan Presentation
- P4: Overall
- DQ: Endurance
- DQ: Efficiency

Formula Student Switzerland

The first competition of the season took us to the beautiful Valais, specifically to the Goms Nordic Center, where our home race took place.

We arrived on Thursday, and our first task was setting up the pits and the team tent. This year, there was also a new autonomous category where the vehicle drives without a driver, which we naturally participated in as well.

All technical inspections were passed without any issues, allowing us to complete our first test laps on the track and adjust the car mechanically and via controls for the special conditions at 1,350 meters above sea level.

We also held our ground in the static disciplines: Engineering Design, Cost & Manufacturing, and Business Plan Presentation, and qualified for the finals in all three.

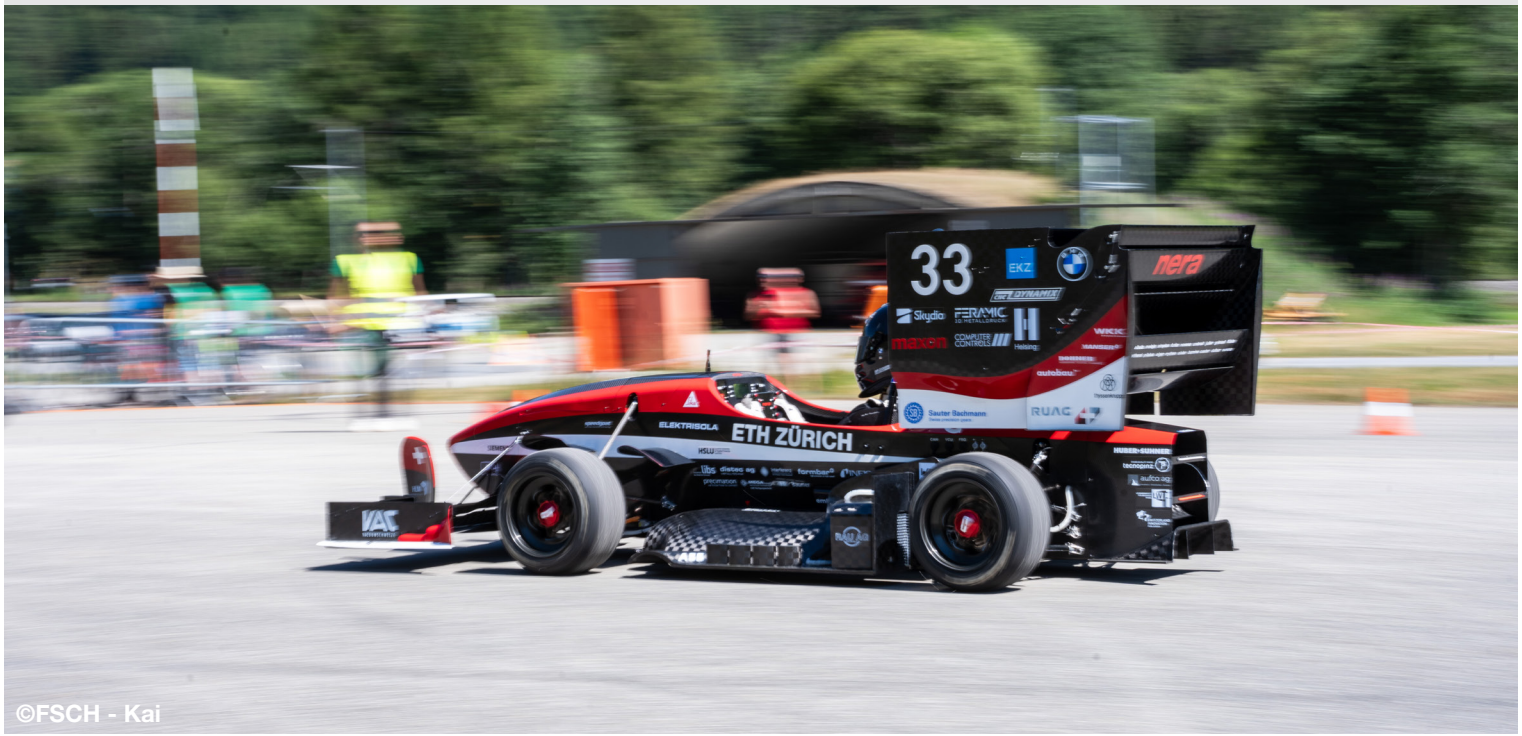
However, the highlight are always the dynamic disciplines, where we can show what our prototype is capable of on the race track. The team performed brilliantly in all of them, setting the fastest times across every dynamic discipline, both autonomous and manual, proving that we built the fastest car.

Unfortunately, setting a fast time isn't everything. After each dynamic discipline, and especially after the Endurance event, which covers a total distance of 22 km, the officials thoroughly inspect the vehicles to ensure that they comply with all the rules. During this inspection, a small leak was unfortunately found in the line connecting our brake cylinder to the reservoir. As a result, we were disqualified from the Endurance discipline and the associated Efficiency scoring.

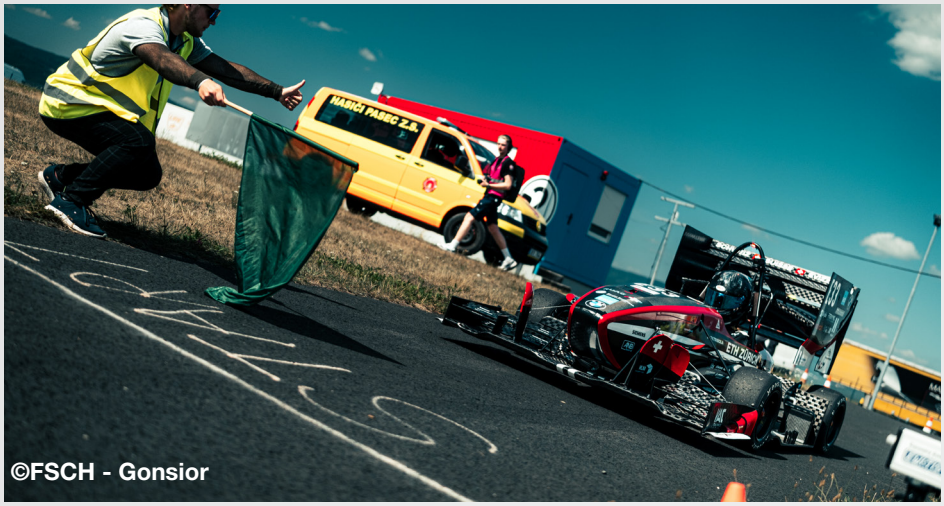
Despite the setback in Endurance, our strong performances in all other dynamic disciplines enabled us to secure 4th place in the overall classification. In the autonomous classification, however, we achieved an outstanding result with 600 out of 600 possible points, taking a clear 1st place.


©FSCH - Karagkounis

After departing, we headed straight to the Czech Republic for the next competition.



©FSCH - Kai



©FSCH - Gonsior

FS Czech Results

- P1: Driverless Overall
- P1: Driverless Engineering Design
- P1: Engineering Design
- P1: Autocross
- P1: Driverless Acceleration
- P1: Driverless Trackdrive
- P2: Driverless Autocross
- P2: Driverless Skidpad
- P2: Acceleration
- P6: Skidpad
- P8: Overall
- P13: Business Plan Presentation
- P14: Cost and Manufacturing
- DNF: Endurance
- DNF: Efficiency

Formula Student Czech

Once we arrived in the Czech Republic, the process started all over again, only the competition was significantly tougher, with 9 of the world's top 10 teams present on-site.

First up were the technical inspections once again, all of which were completed without major issues. This allowed us to log valuable test kilometers on the track to tune the vehicle as best as possible for the conditions.

In the static disciplines, we qualified for the Engineering Design final once more, underscoring the technical knowledge and expertise of our students.

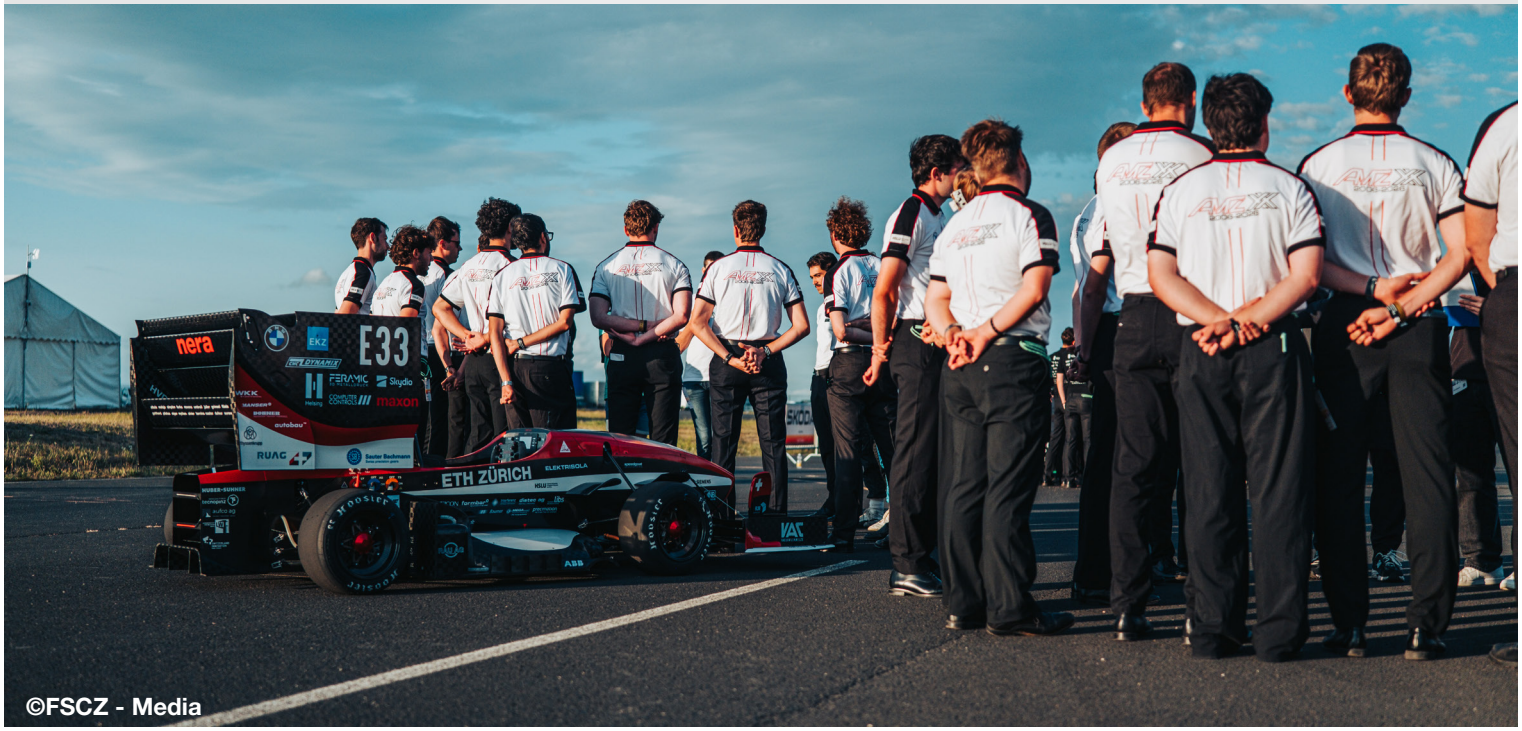
The following days were packed with dynamic disciplines. Some of the autonomous and manual events overlapped, forcing us to find the best possible compromise.

In the Driverless category, we finished either 1st or 2nd in every single discipline, securing another overall victory with 585 out of 600 possible points.

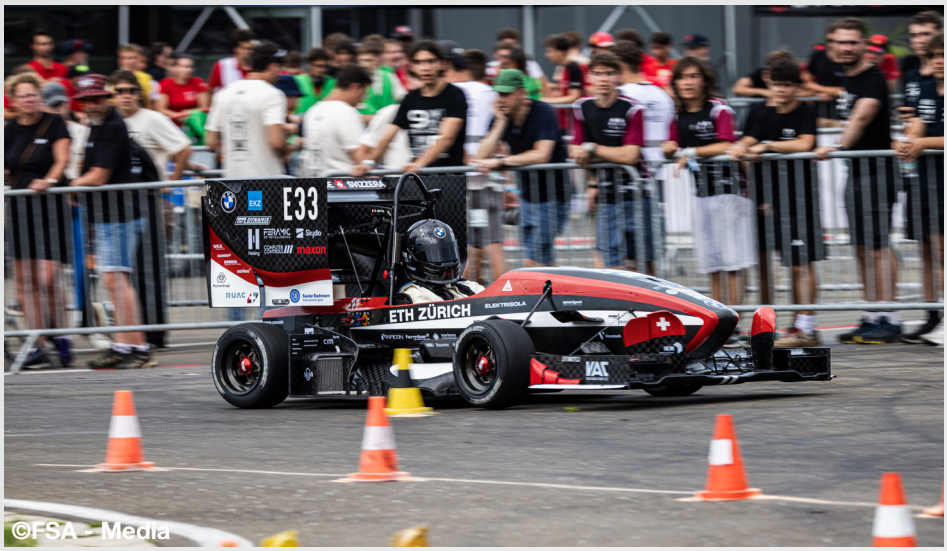
In the manual disciplines, things did not quite go according to plan. Nevertheless, we managed to assert ourselves as the fastest team in Autocross once again, the ideal setup for a successful Endurance race.

Unfortunately, our bad luck from Switzerland followed us. During the Endurance race, we ran into electrical issues that forced us to stop repeatedly to restart the car. Since the problem did not improve, we were ultimately unable to finish the Endurance event and lost a substantial number of valuable points.

However, the team remained fully confident in the vehicle's potential and highly motivated to prove it at the next competition in Austria.



©FSCZ - Media



©FSA - Media

FS Austria Results

- P1: Overall
- P1: Engineering Design
- P1: Autocross
- P1: Endurance
- P2: Acceleration
- P3: Skidpad
- P5: Efficiency
- P8: Business Plan Presentation
- P15: Cost and Manufacturing

Formula Student Austria

From the Czech Republic, we drove straight to the competition in Spielberg at the legendary Red Bull Ring. Thanks to the help of another Formula Student team (TU Graz), we were able to fix our electrical issues from the Czech Republic on a nearby test track on our arrival day, leaving us as prepared as possible.

Since there are no Driverless disciplines at FS Austria, we were able to focus entirely on manual driving.

Despite a mechanical issue during technical inspection, which we managed to resolve overnight, we passed all technical scrutineering checks quickly once again. We also held our own in Engineering Design, qualifying for the final yet again.

We also held our own in Engineering Design, qualifying for the final yet again.

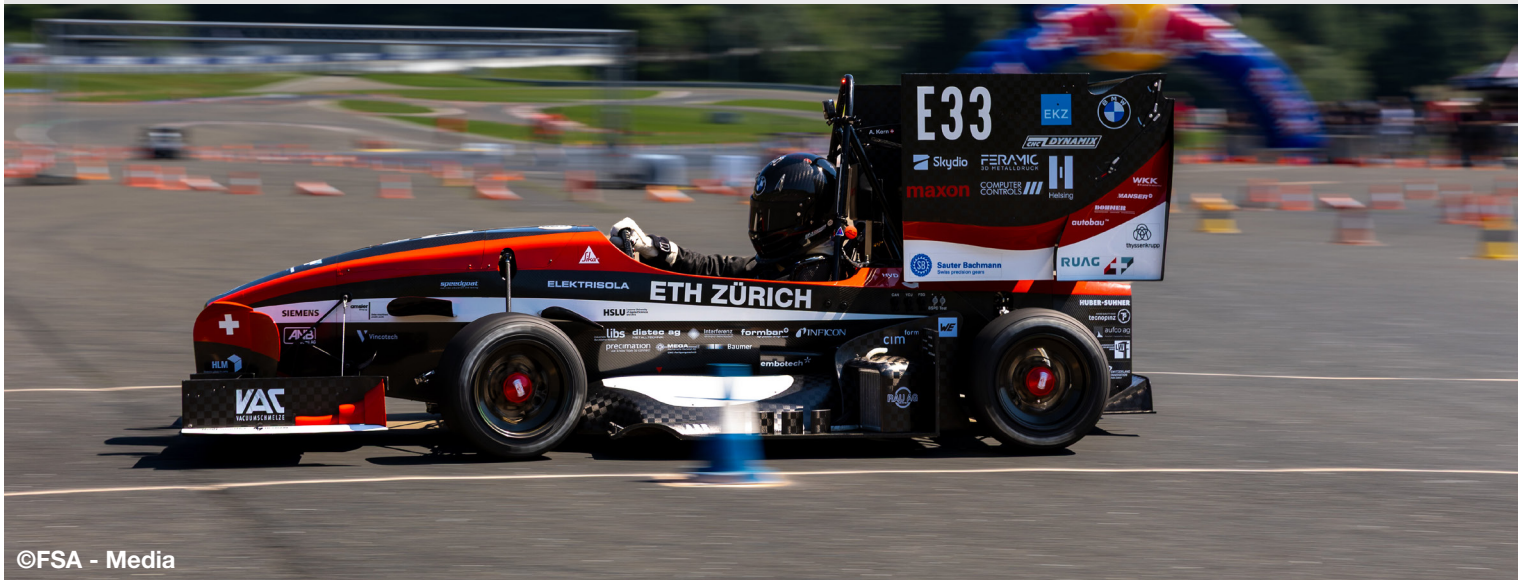
The dynamic disciplines were all fiercely contested, leaving zero room for error. The team handled the pressure with total composure, and for the third consecutive time, we set ourselves up with the best possible starting position for Endurance by posting the fastest time in Autocross.

The Endurance race took place on the final day, and the tension couldn't have been higher, with the best teams in the world on-site and ready to fight for the overall victory. Under intense sunshine and ambient temperatures exceeding 30°C, we finally delivered: we finished the Endurance race as the fastest team and successfully passed the subsequent technical inspection.

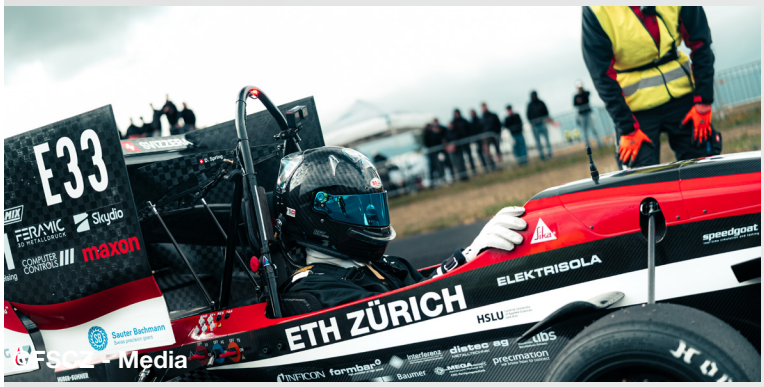
With over 900 points, we won the competition with a lead of around 40 points over our nearest rivals.

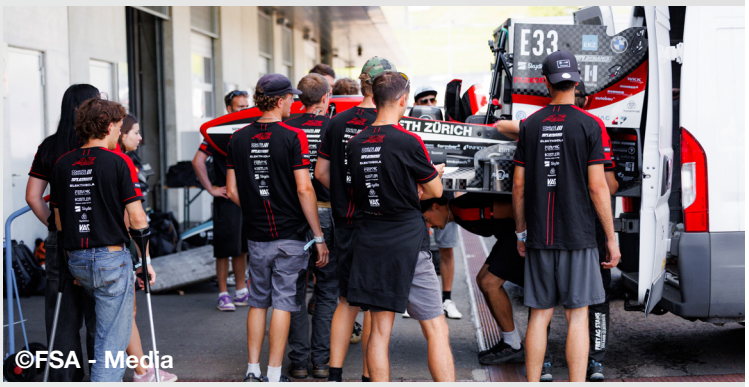
And on we go!

Energized by this magnificent success, we are now in the final preparations for the season finale at Hockenheim, taking place from August 11th to the 16th.



©FSA - Media





Main Sponsors

BMW GROUP · Rolls-Royce Motor Cars Limited · Wir bringen Energie EKZ · Helsing · maxon · RUAG · Sauter Bachmann

Premium Sponsors

CNC DYNAMIX · COMPUTER CONTROLS · ELEKTRISOLA · FERAMIC 3D METALLDRUCK · KISTLER measure. analyze. innovate. · Skydio · thyssenkrupp · VAC VACUUMSCHMELZE

Sponsors

ABB · amsler Swiss-machined plastic parts · ANB Boumi AG · aufco ag · autobau™ · Baumer Passion for Sensors · cim form · distec ag METALLTECHNIK · DOHNER · embotech · formbar high precision at high speed · HxGN SmartNet + HEXAGON · HLM · HUBER+SUHNER · INFICON · Interferenz · libs Industrielle Berufslehren Schweiz · LW · MANSER · MEGA Mechanische Werkstatt AG CNC-Fertigungstechnik · precimation we know how to connect · RAU AG · SIEMENS · Sika BUILDING TRUST · speedgoat real time simulation and testing · Switzerland Innovation Park Zürich · tecnopinz · Vincotech · WKK ihr partner für stanzartikel · WE

Favourers

Altair
Bomatec AG
Domsel AG
Garage Stucki AG
KELLER Druckmesstechnik AG
Melasta
Oerlikon Balzers
Rollstar AG
Stahl-Contor AG
Urma

Altefco AG
Bossard
Dr. Thomas Tancogne-Dejean
GDELS
KISSsoft AG
Metall Service Menziken AG
Pagid Racing
SATW
Streamwise
Victorinox AG

Analog Devices
Brunner Präzisionsschleiferei
DTC
H&R Spezialfedern
Kubo Tech AG
Mitutoyo
Prof. Dr. Dirk Mohr
SBG Systems
Sturmberg GmbH
voestalpine HPM Schweiz AG

Avantor
BSF Bünter AG
Empa
HABA AG
KW Automotive
Multi Reflex AG
Prof. em. Dr. Lino Guzelle
SBX Titanium
TE Connectivity
Von Allmen AG

AWAG Elektrotechnik AG
Büchler Reinli + Spitzli AG
Enclustra GmbH
hepro production ag
LAEMMLE Chemicals AG
Müri Prototech AG
Projekt Neptun
Schaeffler
Thyssenkrupp Materials
Wespe Transport

Axalp Technologies AG
CEJN
Falegnameria F.lli Bugada
Hesai Technology
laser maag gmbh
MuScope
PWB AG
Scientific IT Services
ToffeeX
WEVO-CHEMIE GmbH

Bauhalle ETHZ
De Martin AG
Formacut
HMF Formenbau AG
Lean Key Solutions AG
Nicomatic
Rego Fix
SERVAX
TracoPower

Bernina AG
Distrelec
Fritz Born AG
hosttech
Lemo
Novagear AG
Rheinmetall
Sidrag AG
UIKER Antriebstechnik AG