



AMZ News

FORMULA STUDENT SWITZERLAND 2025

©AMZ Racing - Luan Badoux

Hauptsponsoren

	<p>Wir bringen Energie</p>	

Premiumsponsoren

Sponsoren

Results

- P1: Overall
- P1: Endurance
- P1: Engineering Design
- P1: Efficiency
- P1: Acceleration
- P2: AutoX
- P2: Cost and Manufacturing
- P3: Skidpad
- P7: Business Plan Presentation

Travel & Statics

The first competition of the season took us to the beautiful Valais - more precisely to the Nordic centre of Goms, where our 'home race' took place.

We arrived on Friday, where the pits and the team tent were set up straight away. The intensive programme started on Saturday: we began with the accumulator scrutineering, which we passed at the first attempt. The mechanical scrutineering was also successfully completed - after minor adjustments. The first static disciplines followed in

the afternoon. We started with Cost & Manufacturing, followed by the Business Plan Presentation Event, before moving straight on to Electrical Scrutineering. While the day was coming to an end, we received good news: we were in the cost final!

After a very cold night, we started on Sunday morning with the engineering design, followed by pre-inspection, tilt test, rain test and brake test. All tests were passed successfully, so that we were able to complete the first test laps on the track and adapt the car mechanically and software-wise to the special conditions at 1350 metres above sea level. And Sunday evening also brought further good news: We also qualified for the Engineering Design Final!

Monday morning was dedicated entirely to the static disciplines. In the cost final, we were given a case study that had to be solved within ten minutes and then presented to the jury in a 15-minute presentation. It continued seamlessly with the Engineering Design Final, in which we were questioned intensively for two hours on all aspects



©FSCH - Theo

of our vehicle and beyond - our technical knowledge was put to the ultimate test.

Skidpad & Acceleration

We then changed our suits for our work trousers again - there was further testing before the skidpad, the first dynamic discipline, took place in the evening. In Switzerland, this traditionally takes place late in the evening. As the first team on the track, we were able to set a solid time, but this was beaten by other teams. Our second driver also had some bad luck with the timing equip-



©IPZ - Rosenbauer

ment. Although repeat runs were allowed, we were unable to improve on our previous best time.

On Tuesday morning, the competition continued with the acceleration discipline. With the track heating up continuously, all teams utilised their start time slots right up to the last minute - hoping for optimal ground conditions and a track that was as clean as possible. We also followed this tactic and waited patiently for the best possible moment for our run. In keeping with club tradition, we were able to clinch a victory here!

AutoX & Endurance

In the afternoon, the AutoX discipline was held, in which the circuit on the runway of the Ulrichen airfield was completed for the first time this year. Both drivers were able to achieve solid lap times, but had to contend with a strong tailwind, which led to a significant reduction in aerodynamic downforce. As a result, the first laps of both drivers were deemed invalid, which is why the second attempt had to be approached more cautiously.

This meant that the starting position for the endurance competition on Wednesday would be the second-to-last, which would



©IPZ - Rosenbauer

originally have meant that we would have had to start in the afternoon. However, due to the low number of participants (only six vehicles ready for the race), we started in the morning. At the start of the race, the track conditions were still wet and damp, but as the morning progressed, the skies cleared, which led to a steady improvement in grip. By our start window, the track was almost completely dry. Both drivers, Luan and Boris, delivered consistent lap times. Despite some contact with cones, which led to time penalties, we were able to put in a convincing performance and take victory in this discipline as well. With the fast lap times, we also required the least power in relation to the others, which also earned us victory in the efficiency category.

Thanks to these outstanding results, Formula Student Switzerland ended as the overall winner - an excellent start to the season for the *aurora* team.

And it goes on

We would like to take this opportunity to thank all our sponsors once again from the bottom of our hearts. Without this support, our team would not be able to perform at such a high level.

We hope to achieve further pleasing results in the next three competitions in Austria, the Czech Republic and Germany.



©FSCH - Hieckel



All Pictures ©FSCH - Hieckel

Hauptsponsoren



Wir bringen Energie **EKZ**

maxon



Sauter Bachmann



Premiumsponsoren



ELEKTRISOLA

FERAMIC
3D METALLDRUCK



Sponsoren



autobau™

form
cim

distec ag
METALLTECHNIK

DOHNER
MESSFACHBEREICH LEISTUNGSMESSEN, SCHWINGENMESSEN

embotech*

formbar⊕
high precision at high speed

HUBER+SUHNER

KISTLER
measure, analyze, Innovate.



HxGN SmartNet + HEXAGON



libs
Industrielle Berufsklehren Schweiz

MAN
MAN Energy Solutions

MANSER⊕

MEGA
Mechanische Werkstatt AG
CNC-Fertigungstechnik



RAU AG

SIEMENS

BUILDING TRUST **Jika**

speedgoat
real-time simulation and testing

SWITZERLAND INNOVATION
FOR PRO

TOP QUALITY MADE
tecnopin **F**

Vincotech



WKK
Ihr partner für stanzerartikel

Gönnern

- | | | | | | | | |
|----------------------------|----------------------------|------------------------------|-----------------------|-----------------------------|------------------------|----------------------------|----------------------------|
| A. Jäggi AG | Altair | Alteco AG | Analog Devices | AWAG Elektrotechnik AG | Axalp Technologies AG | Bauhalle ETHZ | BERNINA |
| Bomatec AG | Bossard | Brunner Präzisionschleiferei | BSF Bünter AG | Büchler Reinli + Spitzli AG | CEJN | De Martin AG | Domsel AG |
| Dr. Thomas Tancogne-Dejean | EDAG Engineering GmbH | Empa | Endustra GmbH | Falegnameria Filii Bugada | Formacut | Fritz Born AG | Garage Stucki AG |
| GDLS | H&R Spezialfedern | H.A. Schlatter AG Fonds | HABA AG | hepro production ag | Hesai Technology | hosttech | KELLER Druckmesstechnik AG |
| KISSsoft AG | Kubo Tech AG | LAEMMLE Chemicals AG | Lean Key Solutions AG | Lemo | Melasta | Metall Service Menziken AG | Mitutoyo |
| Multi Reflex AG | Müri Prototech AG | MuScope | Nicomatic | Novagear AG | Oerlikon Balzers | Prof. Dr. Dirk Mohr | Prof. Dr. Lino Guzzella |
| Projekt Neptun | PWB AG | Rheinmetall | Rofam GmbH | Rollstar AG | RoVITec GmbH | SATW | SBG Systems |
| Scientific IT Services | SERVAX | Streamwise | Sturmberg GmbH | TE Connectivity | Thyssenkrupp Materials | UIKER Antriebstechnik AG | Venturi AG |
| Victorinox AG | voestalpine HPM Schweiz AG | WEVO-CHEMIE GmbH | | | | | |