

AMZ News

SEASON END 2025



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Preface

Marked by highs and lows, our team has successfully completed this year's events. A year full of passion, dedication, and hard work in the development, manufacturing, and racing of aurora has now come to an end.

Throughout the entire year, we work towards the competitions – the moments where we can prove ourselves against other student teams. Now, we would like to take a look back at the summer, reflecting on the events and the achievements we accomplished together.

FSCH

As in previous years, our event season once again began with the home race in Geschinen. A total of 15 teams took part, 5 of which were from Switzerland. The first step at a Formula Student event is scrutineering, where the cars undergo a technical inspection to ensure compliance with the regulations and safety standards. Thanks to our specific preparation, we were able to complete this inspection quickly and thereby gain valuable testing time to prepare for the demanding conditions we would face at 1350 meters above sea level.

At the same time, it was also time for the static events: Engineering Design, Cost &

Manufacturing, and Business Plan. With our technical expertise, as well as our understanding of cost accounting and manufacturing techniques, we were able to impress and advance to the final rounds of Engineering Design and Cost & Manufacturing.

Afterward, we were able to fully focus on the dynamic events. At the Skidpad event, we were unfortunately not able to fully showcase our car's potential, but still managed to set a respectable time. At the Acceleration event, on the other hand, everything went smoothly, and we secured 1st place. In Autocross, we impressed with 2nd place, which earned us a strong starting position for the decisive Endurance event. This thrilling discipline, in which we must drive 22 kilometers in one go, always takes place on the final day of the event. The tension was therefore enormous. We managed to complete it without issues and were not only the fastest but also the most efficient vehicle.

In the end, with 1st place in Engineering Design and 2nd place in Cost & Manufacturing, we were able to finish the FSCH event as overall winners.

FSA

Next up was the Formula Student Austria event at the legendary Red Bull Ring. Strengthened by the experiences and suc-

cesses we gained in Switzerland, all technical inspections once again went smoothly. This gave us the opportunity to complete additional test kilometers and adapt optimally to the local conditions. Once again, we managed to impress in the Engineering Design event with our knowledge and concepts, securing a spot in the finals.

The next challenge was that the Acceleration and Skidpad disciplines took place simultaneously and had to be completed within a limited timeframe. Despite this organizational challenge, we delivered a strong performance in Skidpad and secured 1st place in Acceleration. In the subsequent Autocross, we were able to impress again, as we had at FSCH, achieving 2nd place and thereby earning a good result as well as a strong starting position for Endurance.

Unfortunately, due to a technical defect in the penultimate lap, we were unable to finish the Endurance event, which meant scoring 0 out of 325 points in both Endurance and Efficiency. However, after this setback, we were all the more pleased with our 1st place finish in Engineering Design.

FSCZ

The next stop in our demanding event season took us to the Czech Republic for Formula Student Czech. For the first time

this season, the event also featured a separate Driverless competition, which meant that we were particularly focused on our autonomous system. Thanks to the experience from the previous two competitions, we were once again able to complete the technical inspections smoothly and efficiently, making us the first team on the test track. This was especially important here, as it was not only about regular driver testing but also about testing the autonomous driverless (DV) system.

In the subsequent static events, we finished the Business Plan presentation as the best team outside of the finals and once again advanced to the Engineering Design finals. As for the dynamic events, the DV Acceleration and DV Skidpad were first on the schedule. We narrowly missed out on 1st place in DV Acceleration, but were able to secure 1st place in DV Skidpad. Unfortunately, the remaining DV disciplines did not go well due to a camera issue, and we were unable to complete them.

In EV Skidpad and Acceleration, however, we were able to post strong times and collect important additional points. In Autocross, we once again proved that our car can compete at the highest level, finishing in 3rd place. Finally, it was time for the



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Endurance event. Here, we once again demonstrated that our car is both extremely fast and reliable. We completed the 22 km as the fastest team, with a 39-second lead.

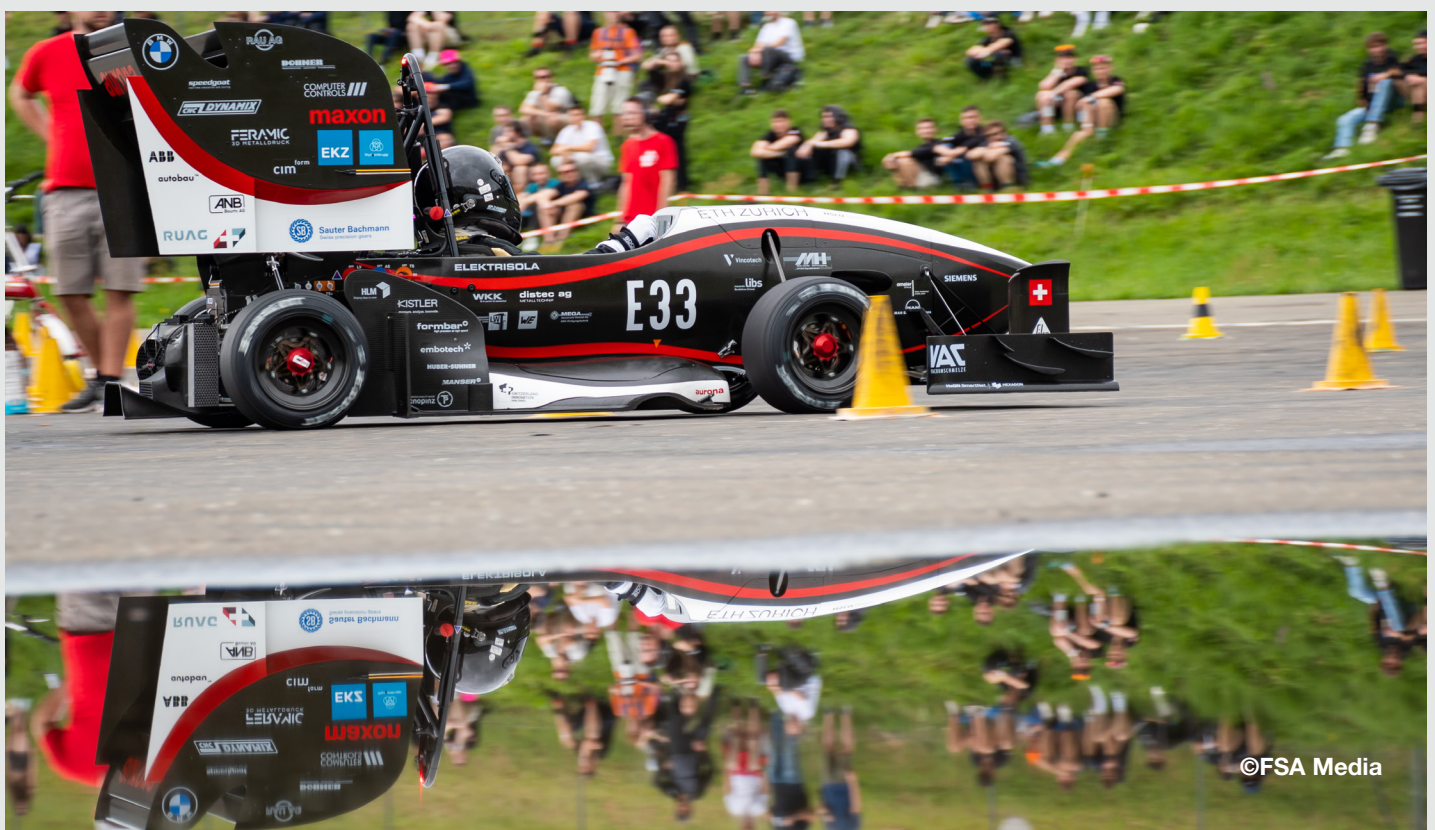
In the end, we managed to claim 1st place in Engineering Design once again. With this impressive performance, we secured 2nd place overall in the competition.

FSG

Formula Student Germany represents the hopeful highlight of our racing season every year. Naturally, the anticipation was high, and we were determined to once again show what both our car and our team are capable of. As before, the technical inspections went smoothly, and we were soon able to carry out the final tests on track. We also

successfully completed the static events and, for the fourth time in a row this season, advanced to the Engineering Design finals—this time even in both the autonomous and manual categories (DV and EV).

At FSG, unlike at other events, the results from DV Skidpad and DV Acceleration also count toward the overall score. We were therefore especially pleased with our strong performance in DV Skidpad and the 1st place in DV Acceleration, where we even set a new record. With the camera issues from the last event resolved, we managed to secure 5th place in DV Autocross and earned further valuable points in EV Acceleration and EV Skidpad. Unfortunately, we were unable to finish the Driverless Trackdrive, as the car went off track.



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Next up was EV Autocross, where we once again achieved 2nd place, securing an excellent starting position for the Endurance event. In Endurance, we quickly pulled away from the competition and claimed 1st place with a large margin. Together with another 1st place in Engineering Design (our fourth Engineering Design victory across four events), we were able to win the overall competition!

This was a historic moment for us, as it marked the first time in the team's history that we managed to secure the overall victory two years in a row.

Achievements 2025

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|--|------------------------------------|
| 1. 2x Overall (FSCH, FSG) | 1. 1x Efficiency (FSCH) |
| 1. 3x Endurance (FSCH, FSCZ, FSG) | 2. 1x Overall (FSCZ) |
| 1. 4x EV Engineering Design (FSCH, FSA, FSCZ, FSG) | 2. 3x Autocross (FSCH, FSA, FSG) |
| 1. 1x DV Engineering Design (FSG) | 2. 1x Cost & Manufacturing (FSCH) |
| 1. 2x EV Acceleration (FSCH, FSA) | 3. 2x Skidpad (FSCH, FSCZ) |
| 1. 1x DV Acceleration (FSG) | 3. 1x Autocross (FSCZ) |
| 1. 1x DV Skidpad (FSCZ) | 3. 1x DV Engineering Design (FSCZ) |



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Conclusion

Throughout the season, we faced several hurdles and setbacks, which the team managed to overcome excellently. In the end, we were able to build a highly competitive car on an international level, which particularly proved itself in the Endurance discipline at every event. By carrying over the momentum from last season, we were able to complete yet another extremely successful season—something we are, of course, very proud of.

None of these achievements would have been possible without the support of all our sponsors and alumni within the team. We would like to sincerely thank you for your valuable support and the trust you place in our project. We would be delighted if you continued to support us next year as well, allowing us to further strengthen our long-standing partnerships and build new ones.

Outlook

As every year, the end of the season also marks the beginning of a new one. We have a new team that is already getting to work, bringing the energy needed to drive our project forward. Highly motivated and passionate, they will be developing new concepts with the goal of surpassing past

achievements and pushing the boundaries of what is possible even further. We are looking forward to the next season!



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