

# AMZ News

THE INCEPTION OF A NEW TEAM



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Teambuildingwochenende

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### Season closing mythen

During the last week of August, AMZ's 13<sup>th</sup> car competed on the Circuit de Barcelona-Catalunya at our final event of the year, Formula Student Spain. The team was able to solve many of the technical issues that were present during the first events of the season. Hence *mythen* was able to set a new personal record in acceleration. As the team was still struggling with some of the electronical systems, it was not able to finish the endurance. However, the first laps showed, that *mythen*'s concept bears a lot of potential.

Nevertheless, the team behind *mythen* got to acquire an unprecedented amount of know-how. Every single team member can be proud of his tireless commitment and the constant pushing to get most out of this season.

### The new team

It is once again the time of the year when we proudly announce the new team. The team is composed of fifteen mechanical and three electrical engineers from ETH Zurich, three students from the School of Applied Sciences in Lucerne as well as a number of motivated freelance students and alumni, totaling to 45 ambitious minds ready to create the 14<sup>th</sup> AMZ Formula Student car.

### Basecamp & teambuilding

Throughout the first weeks of September, the new team worked by the side of their respective predecessors in order to gather valuable information and build on the lessons learned in previous years. Simultaneously, a number of new ideas and concepts were collected and discussed in the so-called basecamp. Soon it was clear that there won't be a

lack of innovative and creative ideas in the new season as well. In order to provide the conditions to secure solid foundations for an efficiently working team, the whole group went to Sedrun for two days on the weekend of October 12<sup>th</sup>. Throughout different team building activities, the team not only got to know each other better, but also proved in different tasks how they could reach their collective goals by working together. During these exercises, some rules for smooth and reliable teamwork were decided upon, which will be applied and prove to be valuable throughout the whole season.

### Prospect

At the general assembly on October 19<sup>th</sup>, a vote will determine the name of the new car. The first ten cars were named after Swiss alpine passes. Since 2017, our cars always bear the name



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of a famous Swiss mountain. From now until November, all ideas concerning the new car will be considered, evaluated and analysed based on their feasibility. This is a necessary process prior to pre-

senting the general concept on October 19<sup>th</sup>. From then on, the concepts will be thoroughly defined in order for the team to embark onto the design phase on November 23<sup>rd</sup>. At the end of the year,

the planning of this season's race car will be finalized. By then, the 14<sup>th</sup> AMZ car will exist as a detailed virtual model.

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**pilatus** in FS East

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### Driverless team

As the electric team begins the process of building a new car, the driverless team has just finished their recruiting process, and will begin teaching the new team about the current status of the technology and software that they use.

Over the next coming weeks they will analyze all of the potential weak points

in the software and hardware of the current car with the help of team's alumni, and will propose new, ambitious ideas to surpass last year's performance.

The driverless team has chosen *pilatus* as their car to use for the upcoming 2020 season. Since this is the same car that was used in the 2019 driverless season, they can focus on developing more sophisticated software, while making the hardware platform

more reliable than ever. This, combined with additional time for testing in simulation and on the track, should ensure a strong season for the driverless team.

The entire team is eager to see what they will be capable of next summer, as they continue to push the boundaries of driverless performance in motorsport.

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