## **FORMULA STUDENT GERMANY**

Formula Student Driverless Concept Award





## Formula Student Germany prepares to introduce Driverless challenge

Real world challenges and state-of-the-art technological themes have turned Formula Student Germany into the most successful and popular engineering competition in Germany for student's.

The 2016 registration for the Formula Student event has already received double the number of applications than the number of available places and the Formula Student Germany organisers are now preparing to take the next evolutionary step. After the introduction to the electric drives a few years ago, Formula Student Electric (FSE), they will now introduce a competition for cars capable of operating driverless.

Scheduled to take place in 2017, this evolvement will see the design competition (FSG) integrate a huge trend into their event that is currently keeping the world's automotive industry extremely busy. The goal is to boost the demand for new technological skills amongst the young engineers.

But, how will they prove their skills?

What can a driverless challenge expect from teams made up of students? What amount of autonomous driving technology can be integrated into a Formula Student car?

And, what driving tasks are best suited to assess the quality of the design and the execution of the driverless race car?

In order to find the best answers to these questions, a "competition before the competition" will take place in 2016, which will be open to the worldwide Formula Student community.

Apart from a few boundary conditions that the organisers have set to prevent random modification and some further mandatory requirements set for safety reasons, the teams themselves will suggest what the future Driverless competition should look like.

Within this loose-fitting framework, and beside their imagination and their knowledge of the issues that are concealed within the subject of automated driving, it is the input of the student teams for their capabilities and those of their competitors that shall determine what the new competition is going to look like.

Anyone wishing to submit a concept to the Driverless Concept Award will find the details on the website <a href="http://www.formulastudent.de/fsd/fsd-concept-award/">http://www.formulastudent.de/fsd/fsd-concept-award/</a>. In order to compete, a short description should be sent by the deadline on the 7<sup>th</sup> of March 2016.

The members of Formula Student Germany e.V. (the organisers of the Hockenheim event) will **award prizes of 3,000€**, **2,000€ and 1,000€** to the three best concepts – a handy sum to add to the team budget.

The real reward will be having an input to an exciting new challenge starting next year. The hope is that this will prepare Formula Student participants even better for the task that is awaiting them in their professional lives, shaping the future of the automotive technology.