

Formula Future: ZEISS



Seeing beyond

ZEISS Structural Optimization Award

Prizes:



€3000



€1000



€500

ZEISS develops, manufactures and sells highly innovative products and solutions in various fields. As one of the world's top technology companies with a portfolio aligned with future growth areas like digitalization, healthcare and Smart Production as well as a strong brand, ZEISS is shaping the future far beyond the optics and optoelectronics industries. The company has its headquarters in Oberkochen, Germany.

ZEISS will be the partner of the FS Austria event again in 2023 and is looking forward to receiving your ideas!

The ZEISS Structural Optimization Award will commend the best structural optimization of a part of your vehicle. We want you to present us the part of your car that is optimized in a structural kind of way. On 2 to 4 DIN A4 pages, you need to describe what requirements your part has to fulfill. Afterwards we would like to know how you optimized your part. What methods and tools were used? Which principles of structural mechanics did you manage to implement? Have you integrated several functions in one part? And last but not least: how have you tested the part and validated your approach of structural optimization? (If you haven't tested your part yet, please let us know what way of validation you would have preferred.)

We would like to read about some coherent developments from the concept until the validation. The level of innovation will be part of our evaluation. Furthermore, we would like to see the use of different methods and tools. The team presenting all of this in the best possible way will win this year's award and prize money between €500 and €3000.

Please send us your reports by **16 July 2023** to svea.kaneblei@zeiss.com.

We will choose three finalists from all the applications. The finalists will present their development onsite in Spielberg to our judging crew in a 10-minute presentation.

Afterwards, we will have time for a brief discussion about your parts. The prize will be handed out at the award ceremony of Formula Student Austria.

We're looking forward to reading your reports!