

# Formula Future: ZEISS

## ZEISS Mechanical Connection Award

Prizes:



3000 €



1000 €



500 €

The ZEISS Mechanical Connection Award will honor the best mechanical connection of different parts of your vehicle. We want you to present us a mechanical connection of different parts that might be any type of connection - force-fit, form-fit or material-locked. On 2 to 4 DIN A4 pages you need to describe what connection you have chosen.

- What requirements does your connection fulfill?
- Why did you choose this specific connection?
- Which alternatives are there?
- What forces act on it and how will those forces be transmitted?
- How does this optimize your car?
- Please show us how you calculated and/or simulated this connection.
- What tests have you performed or would you like to perform with infinite budget and time?

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 a price money of 3000 €.

Please send us your reports until **14<sup>th</sup> July 2024** to [formulastudent@zeiss.com](mailto:formulastudent@zeiss.com).

We will choose three finalists out of all applications. The finalists will present their development onsite in Spielberg to our judging crew in a 10min presentation. Afterwards we will have time for a little discussion about your parts. The price will be given at the award ceremony of Formula Student Austria.

We're looking forward to reading your reports!



Seeing beyond