Team Elbflorace from the TU Dresden precisely analyzes longitudinal dynamics and energy efficiency of drives in Formula Student race cars.

Team Elbflorace was founded in June 2006. About 70 active student members from all kinds of disciplines at the Dresden University of Technology – including engineers, economists, scientists and IT experts – have worked on the development of a race car for the Formula Student Electric since 2010.

Evaluating the impact of individual components with respect to the entire vehicle makes a comprehensive simulation approach inevitable. The students thus draw upon SimulationX and the expertise of ITI’s engineers during the development of their race car.

```
“SimulationX helps us simulate vehicle dynamics for individual disciplines of the Formula Student and helps us design the powertrain for specific applications.”

Andreas Hoppe, Drive Development Season 2014/15, Elbflorace e. V.
```