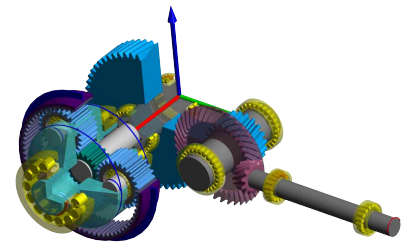


## SystemManager – In Depth

This seminar is the ideal complement to the "SystemManager – Basics" workshop. After the theoretical basics, the course allows a deeper dive into the software, using practical examples.

This course is recommended only for advanced users who have prior knowledge of the SystemManager software.



### Main Topics

- Calculation of load spectra
- Definition of power flow via configurations using the example of manual transmission
- Configuration of planetary gear stages
- Configuration of bevel gear stages
- Definition of pretension for rolling bearings
- Differences in calculation with nonlinear stiffness of rolling bearings and rigid bearings
- Connections of coaxial shafts
- Influence of temperatures on the calculation
- Options for the calculation of critical speeds and Campbell diagrams
- Flank and parameter variations
- 3D elastic parts

**The seminar includes practical exercises with SystemManager. Individual questions are allowed and welcomed during the workshop (depending on time).**

