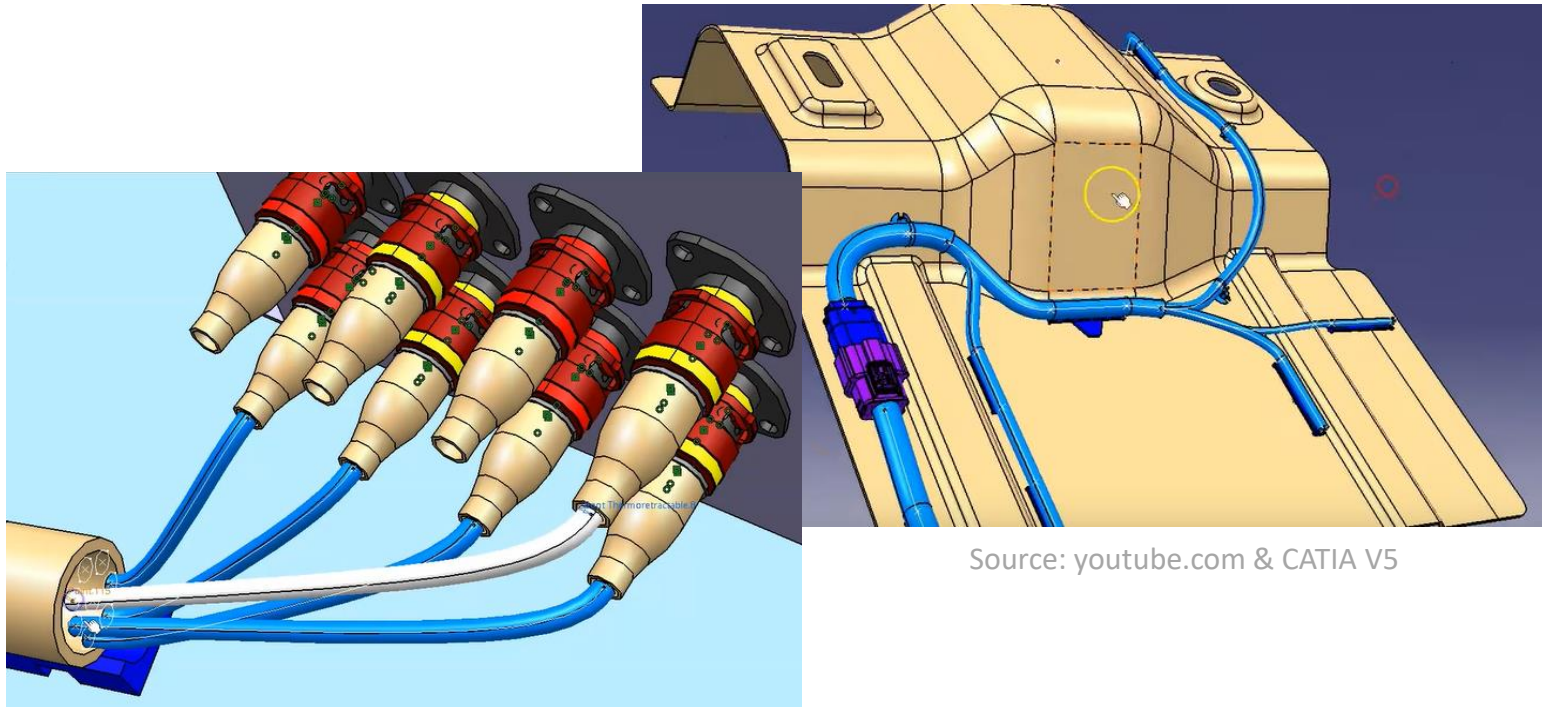


Open Bachelor Thesis – Analyses of CATIA V5 Workbench Environments



Source: youtube.com & CATIA V5

About 80% of new projects in the Styrian vehicle industry involve electric vehicles. For this reason, the development effort in this sector is also increasing. This leads to an increase in complexity in the use of electronic components and cabling. This bachelor project is intended to contribute to the optimization of automotive development and engineering processes. For this purpose, different workbenches in the area of EE components are to be analyzed in CATIA V5.

Scope of work:

- Analyses of several CATIA V5 Workbench Environments
 - Workbench Environment: Electrical Cabling Disciplines
 - Workbench Environment: Electrical Harness Disciplines
- Creation of a collection of examples
- Preparation & Documentation of Results

Requirements:

- Advantageous: Basic knowledge in CATIA V5
- Interest in extending CATIA V5 knowledge
- Solution-oriented thinking

Duration: 3 month
Start: As from now
Workplace: Institute of Automotive Engineering

Contact: Research Group of Virtual Product Development
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