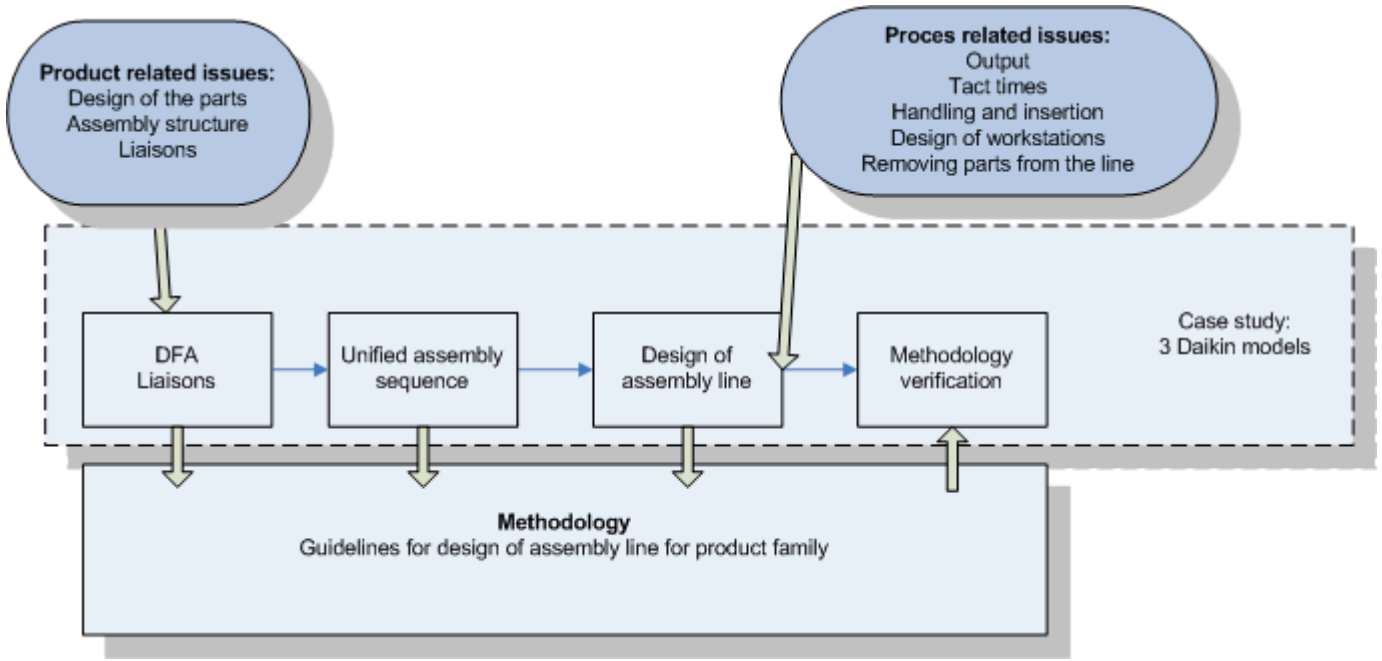
Summary

- **Part 1: Background**
- **Part 2: Case study I**
- **Part 3: Methodology**
- **Part 4: Case study II**
- **Part 5: Discussion**

Research



- Develop guidelines for the design of a mixed assembly line
- Objective: a line with high utilization and continuous flow

Research

- Obtaining high utilization of a mixed assembly line is one of the main concerns.
- Deviations across the product mix course troubles
- The reference assembly sequence and time distribution also has a major impact (where is the bottleneck?)
- Removing parts from the line might just push the problem to the external systems.
- Further breakdown of processes can be necessary (but where are the limits?)
- Where is the limit of part removal/relocation (to many external systems)?
- How much can be required of the worker regarding variations in the operations and processes (dealing with off sets)?
- Redesign of selected parts can be a possibility (in the long run necessary)

Exchange student life