Objectives

- Study the relation between the design process of assembly systems and flexibility.
- Characterize flexibility in assembly systems.
- Develop a proposal with alternatives according to the findings of the study to support the design process of flexible assembly systems.

Current status

- A characterization of flexibility in assembly systems is under development.
- Active participation in an on-going industrial project where an assembly system setup for different products is analyzed according to its design, design process and flexibility.

Planned activities

- Q3,Q4 2014: Complete planned and on-going research studies. Follow plan for licentiate.

Supervisors

- Main supervisor: Mats Jackson, MDH/Volvo CE
- Assistant supervisor: Jessica Bruch, MDH
- Assistant Supervisor: Anna-Lena Carlsson, MDH
- Industrial supervisor: Hans Wikstrand, Volvo CE

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