



## The Strategic Research Centre for the Manufacturing Industry

### Model-Based Conceptual Design and Synthesis

Thursday, 28 September 2017

**12h00**     ***Sandwich Lunch***

**13h00**     **Introduction**

Maarten Witters, Core Lab Manager Flexible Assembly Solutions, Flanders Make

**13h10**     **Model-based conceptual design synthesis**

Klaas Gadeyne, Research Fellow, Flanders Make

**13h35**     **Optimal model-based design for complex systems and applications in transmission-optimal designs**

Steven Vanhee, Electrical Power Engineer, Dana Belgium

Keivan Shariatmadar, Advanced Powertrain Engineer, Dana Belgium

**13h55**     **A low-entry tool to support the conceptual design of robotic assembly cells**

Karel Van Hoecke, CEO, Van Hoecke Automation

**14h15**     **Model-based concept generation for engineering designs**

Mike Nicolai, RTD Manager, Siemens Industry Software

Johan Vanhuysse, Research Engineer, Siemens Industry Software

**14h35**     **Demonstration Concept Design**

**15h00**     ***Coffee Break***