

## Expert Session 1 – Workshop 1

**Commercialisation Roadmap:  
Perspectives and Gaps for Hydrogen Storage**

**Composite Manufacturing – Gaps and Needs**

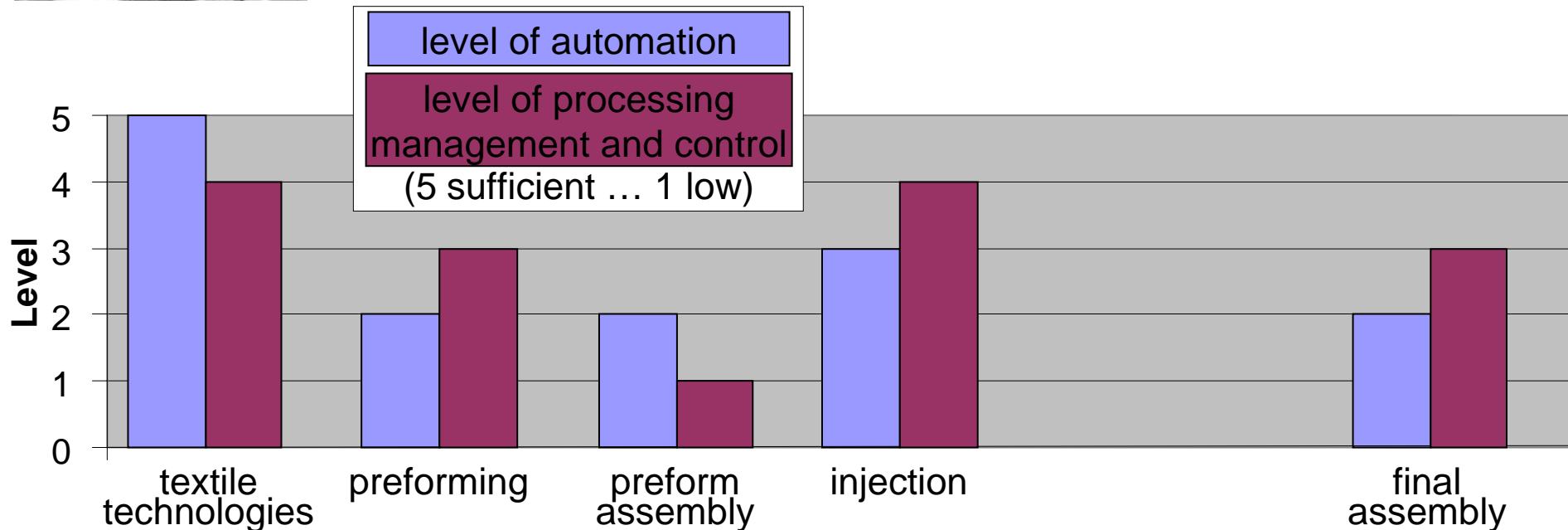
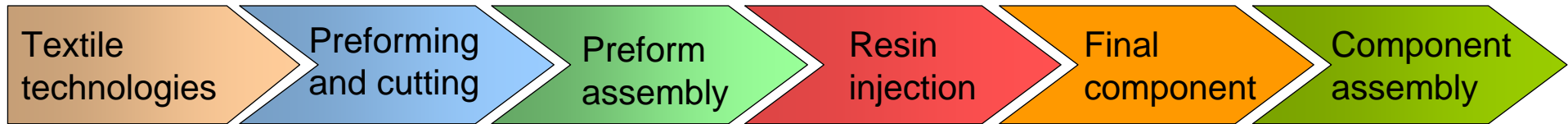
**Prof. Dr.-Ing. Alois K. Schlarb**



# STORHY FINAL EVENT

**June 3-4, 2008  
Poissy, France**

# Composite Manufacturing Gaps



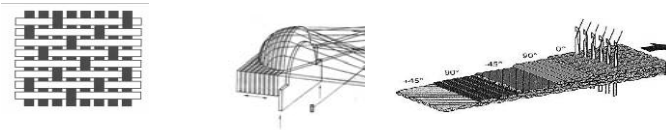
# Composite Manufacturing Needs



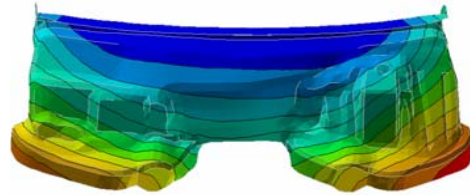
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## Preform – RTM process route

- Material database



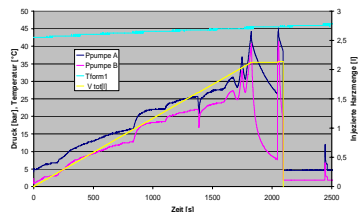
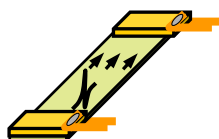
- Process simulation



- Higher automation in preform processing



- Quality management systems



Date: 03.06.2008

Author: Prof. Dr.-Ing. Alois K. Schlarb

## Thermoplastic FRPC process route

- Quality controlled semi-finished materials



- Forming process for mass production



- Flexible and reliable joining technologies

