

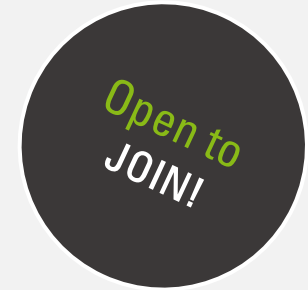


The Objective:

Within the AZL Workgroup “High-Performance SMC” the demand for a harmonized database of SMC-properties occurred. Process-dependent material parameters are defined from the material selection over the design process up to the production of a specimen. The project aims to provide a harmonized procedure to determine process and structural simulation parameters.

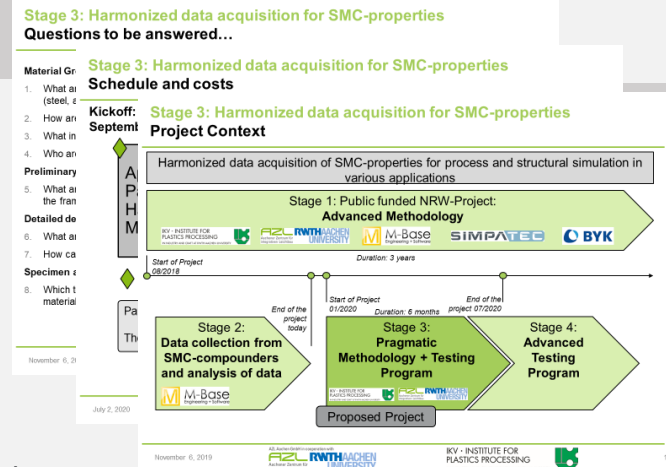
Your Benefits:

- Harmonized procedure for more effective and reliable pre-design
- Overview of process-dependent material properties
- Setup of database for SMC
- Get to know exemplary players
- Cost sharing while having full results
- Networking across a common subject



Our Content:

- Definition of appropriate parameters for a harmonized material database
 - e.g. for material group selection or design process
- Rheology, sample production & preparation
 - Analysis of rheological behavior
 - 3 materials, 3 temperatures, 3 speeds
 - Pressing of selected materials on existing equipment
 - 3 materials, 2 initial charges, 6 plates each material
- Material analysis
 - Conducting various tests (e.g. 3 Point Bending, Heat Deflection)
 - Variation of parameters (temperatures, directions, initial charges)



Participation fee
 6,000.00 € per participant

Project start:
 September 22th, 2020
 Duration: 6 months

Please contact for information and individual offer:

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