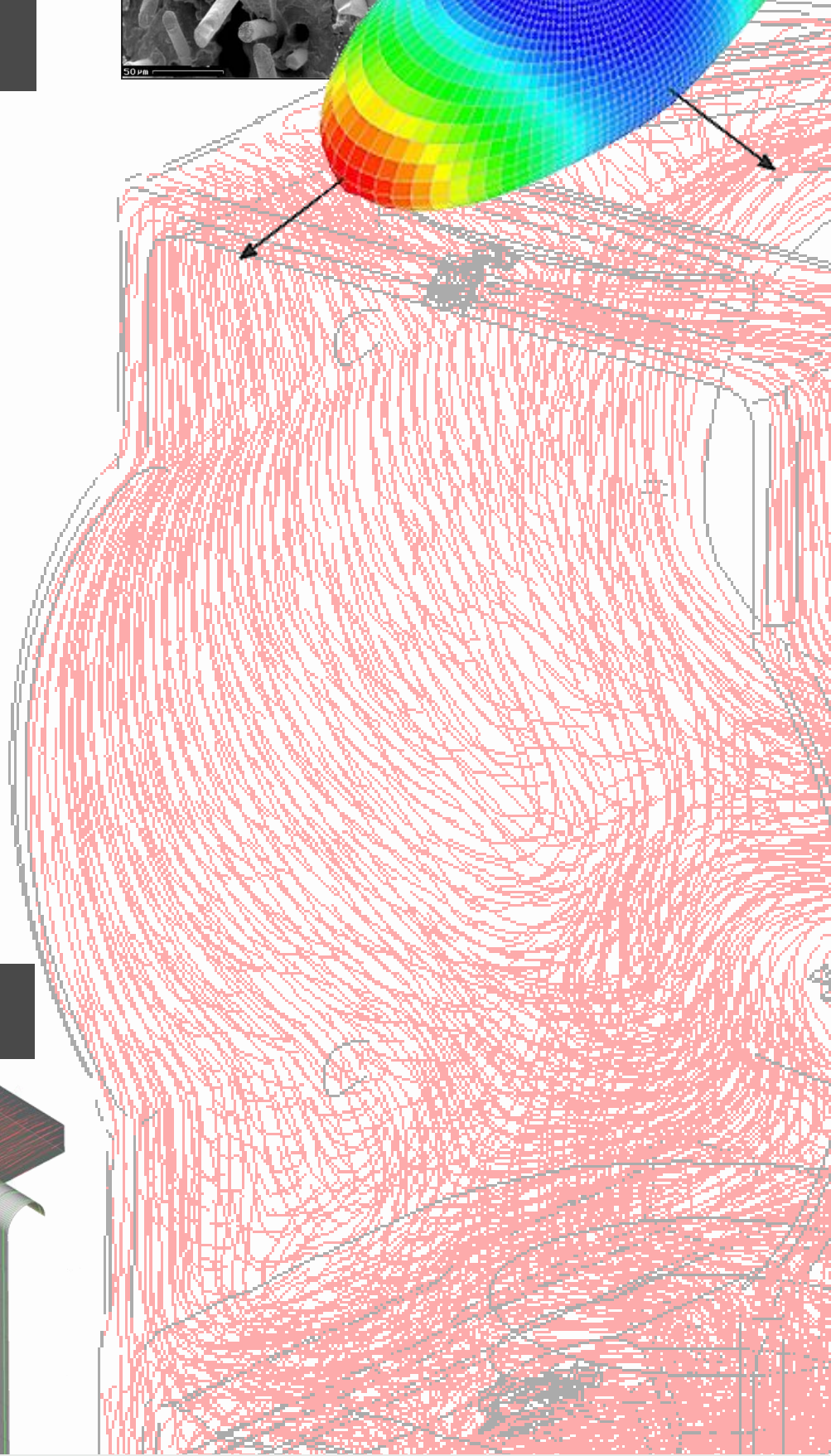
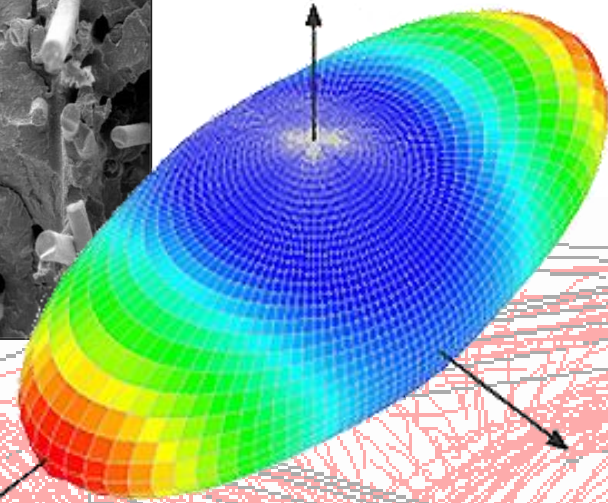
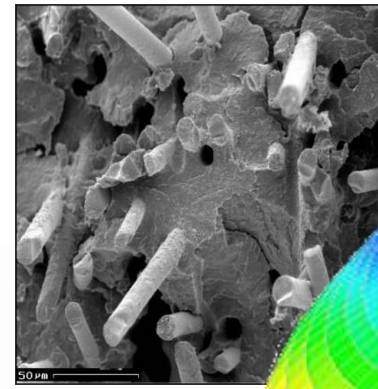




FIBERMAP

individual process analysis mapping

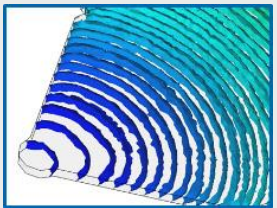
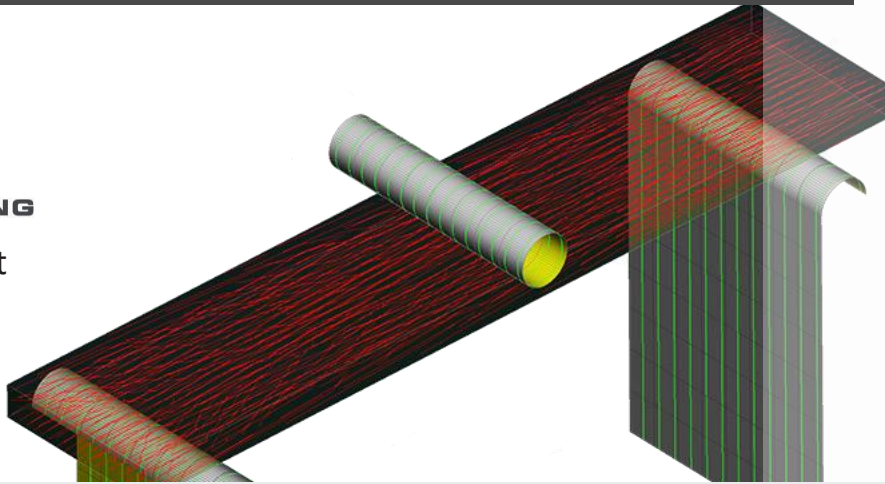
- standard procedures for structural simulation
*KEYWORD ASCII output for common solvers like LS-DYNA®, Simulia Abaqus®, Pam-Crash®, Nastran, ...
- fast robust mapping by using KD trees
- workflow based setup and usage including validation concept for material properties with VALIMAT® and MICROMECC®
- setup of individual simulation process chains by a template concept
- access to injection molding simulation results Autodesk MOLDFLOW®, CADMOULD®, Moldex3D®, SOLIDWORKS® Plastics, VMAP
- access to process simulation results from LS-DYNA®, VMAP
- Mori Tanaka MF Homogenization to generate anisotropic material properties by fiber orientation tensor, filler and matrix data



now supports VMAP IN- and OUTPUT

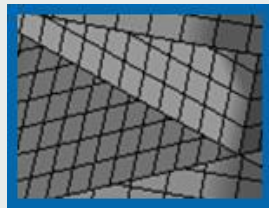


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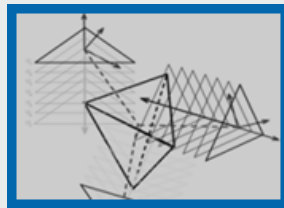
process simulation

Autodesk MOLDFLOW®
CADMOULD®
Moldex3D®
SOLIDWORKS® Plastics
VMAP

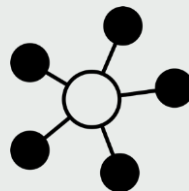


structure mesh

LS-DYNA®
NASTRAN
Pam-Crash®
Simulia ABAQUS®
VMAP



mapping



material card definition

 VALIMAT
 MICROMECC



structural output

*KEYWORD
VMAP

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