

13 June 2017 – TAB building (entrance F)

MAPEX Methods Workshop I: Materials Characterization

Scientific equipment and methods often act as a nucleus for cooperative projects. On 13th June 2017 an internal workshop for all MAPEX members will offer a platform for information and exchange on the scientific equipment and expertise available within the MAPEX community. With short presentations and ample time for in-depth discussions, we would like to foster the development of new ideas and initiation of collaborations.



Programme

Speaker	Title
08:45 Registration	
09:00 Hanna Lührs, Ingo Flege	Welcome note
09:15 Jérémy Epp	IWT In-situ X-ray diffraction experiments during heat treatment processes
09:45 Oliver Focke	FB4 X-ray microscopy
10:05 Thorsten Klein	BIAS Competence Cluster Micro- and Nano-Characterization
10:25 Michael Maas	FB4 Probing fluid interfaces: tensiometry, interfacial rheology and related methods
10:55 Coffee Break + Discussion	
11:30 Thorsten Mehrrens	FB1 Transmission Electron Microscopy
12:00 Jan Ingo Flege	FB1 Low-energy electron microscopy for materials and process characterization
12:30 Kathrin Sebald	FB1 Optical Characterization
13:00 Lunch Break	
14:00 Andreas Lüttge	FB5 Raman coupled Vertical Scanning Interferometry
14:30 M. Mangir Murshed	FB2 Usage of Raman spectroscopy beyond the routine works
15:00 Johannes Kiefer	FB4 Tailor-made vibrational spectroscopy
15:30 Coffee + end	

Organizing committee: Jan Ingo Flege, Hanna Lührs