




Soft Microscopy Center

– meeting for microscopy network the 14th of November 2018

Location: 10:an, Kemigården 4, Chemistry and chemical engineering,
Chalmers University of Technology, Gothenburg, Sweden

Imaging in 2D and 3D

PROGRAM



09.30 – 10.00	Registration and coffee
10.00 – 10.15	Welcome to the microscopy network meeting – Eva Olsson, Chalmers and Niklas Lorén, RISE
10.15 – 10.45	Characterisation of Injection Moulded Polymer Materials using SAXS and WAXS – Eskil Andreasson, TetraPak, and Marianne Liebi, Chalmers
10.45 – 11.30	X-ray imaging at MAX IV – Karina Thånell, MAX IV
11.30 – 11.50	Characterising 3D structure with high resolution using TEM tomography – Torben Nilsson Pingel, Chalmers
11.50 – 12.10	Geometric and functional properties of silica hydrogel structures obtained by TEM tomography – Tobias Gebäck, Chalmers
12.10 – 13.15	Lunch
13.25 – 14.35	Lab tour and demonstrations at Chalmers Materials Analysis Laboratory <ul style="list-style-type: none">• TEM tomography• FIB-SEM: 3D imaging• ESEM: Wetting
14.45 – 15.15	Examples of how microscopy can be applied to industrial challenges: Microstructure-property functions in cereals – Camilla Öhgren, RISE
15.15 – 15.35	How does the microstructure influence the functionality of wound care products? – Karin Glasmästar, Mölnlycke HealthCare
15.35 – 15.45	Introducing the SOFT Microscopy website www.softmicroscopy.se
15.45 – 16.15	Small group discussions regarding (incl. coffee and cake): <ul style="list-style-type: none">• How to introduce new members into the network• Interesting materials and techniques for future lab demonstrations• What information is desired at the webpage
16.15 – 16.30	Summary of the meeting, date for new meeting and next steps
16.30	End of meeting