

SOFT Microscopy Centre Industrial Workshop

Chalmers University of Technology | 5 May 2017, Gothenburg, Sweden

Location: Luftbryggan, MC2 building 8th floor, Kemivägen 9

PROGRAM

- 08.30 – 08.45 Registration and coffee
- 08.45 – 08.50 **Welcome and goals with the workshop**
Aleksandar Matic and Eva Olsson, Chalmers and Niklas Lorén, RISE
- 08.50 – 09.05 **The Soft Microscopy Centre and possibilities with new microscopes**
Eva Olsson, Chalmers
- 09.05 – 10.00 **How does the industry work with structure-property functions and how do they use this way of working?**
- Probing mesoscale network structures in food materials**
John van Duynhoven, Unilever R&D, Vlaardingen, The Netherlands.
- Using microscopes to understand how processing equipment affect food structure**
Fredrik Innings, TetraPak Processing Systems, Lund, Sweden.
- 10.00 – 10.30 Coffee and cake
- 10.30 – 11.15 **Research environment, ongoing research and infrastructures**
- The Eva Olsson Group**, Eva Olsson, Chalmers
Product Design and Perception, Mats Stading, RISE
Chalmers Materials Analysis Lab, Anders Kvist, Chalmers
- 11.15 – 11.30 **Examples on how structure-property functions can be used to solve industrial challenges**
Niklas Lorén, RISE
- 11.30 – 12.45 Lunch
- 12.45 – 13.25 **Introduction to the world's most brilliant X-ray facility MAX IV**
Tomas Lundqvist, MAX IV
- Small angle x-ray scattering (SAXS) from solutions to imaging**
Marianne Liebi, MAX IV
- 13.25 – 13.45 **Material structures seen through microscopy and statistics**
Aila Särkkä, Chalmers
- 13.45 – 14.45 **Guided microscopy tour**
- 14.45 Coffee and cake
- 14:45 – 16.00 **Workshop discussions in small groups regarding how microscopy can be used to solve industrial challenges** (including coffee break)
- 16.00 – 16.20 **Conclusions from the discussions**
- 16.20 – 16.30 **Summary of the workshop and next steps**
- 16.30 End of workshop

Scan the barcode or visit:

www.chalmers.se/en/conference/soft-microscopy

