



# IMAGING 2020 WORKSHOP

STATE-OF-THE-ART METHODS FOR MATERIALS AND BIOLOGICAL SCIENCES: FROM OPTICAL TO ION MICROSCOPY

6 April 2018 | 9:20 am | room U101, SDU, Alsion 2, 6400 Sønderborg

- 9:20**    **Welcome**  
Horst-Günter-Rubahn | SDU Mads Clausen Institute
- 9:30**    **Imaging and analytic possibilities in the Helium Ion Microscope**  
Gregor Hlawacek | Helmholtz-Zentrum Dresden-Rossendorf
- 10:00**    **SIMS on the Helium Ion Microscope: a unique tool for highest resolution nano-analytics and correlative microscopy**  
Olivier De Castro | Luxembourg Institute of Science and Technology
- 10:30**    **Imaging of biological cells with Helium Ion Microscopy**  
André Beyer | Bielefeld University
- 11:00**    **Imaging Polymorphic, Textured Squaraine Thin Films and Film Blends**  
Frank Balzer | SDU Mads Clausen Institute
- 11:30**    **Lunch and "groundbreaking" ceremony for the new Centre for Industrial Electronics**
- 13:30**    **Pair correlation analysis of Fixed PALM and Power Spectral Point Analysis of Live PALM applied on AQP3**  
Eva Arnsparng Christensen | SDU Biotechnology
- 14:00**    **Operando studies of battery materials**  
Dorthe B. Ravnsbæk | SDU Department of Physics, Chemistry and Pharmacy
- 14:30**    **Helium Ion and Optical Microscopy of Spider Silk**  
Jonathan R. Brewer | SDU Department of Biochemistry and Molecular Biology
- 15:00**    **ZEISS X-ray Microscopy - 3D and 4D Imaging of Practical Volume Samples**  
Lars-Oliver Kautschor | Carl Zeiss Microscopy GmbH
- 15:30**    **Beer & crisps**

**REGISTER** for the Imaging 2020 workshop **until 31 March** by mail to Katarzyna Janus-Fiutowska, [katarzyna@mci.sdu.dk](mailto:katarzyna@mci.sdu.dk)