



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, Alsiø 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 Arnsparig 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