



## Bioimaging Workshop:

### “Advanced Lipid Imaging at Highest Spatiotemporal Resolution”

**Venue:** Fully virtual via Zoom (link will be provided via e-mail after successful registration shortly before the event)

**Registration free of charge:** <https://www.survey.uni-osnabrueck.de/limesurvey/index.php/958367>

**Date and Time:** 18th of May 2021, 9:00 am to 1:00 pm (CEST)

#### Program

9:00 - 9:15 am	Welcome by the Organizers
9:15 - 9:45 am	<b>Probing sphingolipid topology in health and disease</b> Joost Holthuis (Osnabrück University, DE, <a href="https://holthuis-lab-uos.de/">https://holthuis-lab-uos.de/</a> )
9:45 - 10:15 am	<b>Imaging lipid order in plasma membranes and organelles with targeted solvatochromic probes</b> Andrey Klymchenko (University of Strasbourg, FR, <a href="http://klymchenko-lab.u-strasbg.fr">http://klymchenko-lab.u-strasbg.fr</a> )
10:15 - 10:45 am	<b>Lipid-based multi-organelle imaging with polarization structured illumination microscopy</b> Peng Xi (Peking University, CN, <a href="https://www.xipenglab.com/">https://www.xipenglab.com/</a> )
10:45 - 11:00 am	Break for 15 min
11:00 - 11:30 am	<b>Super-Resolution Expansion Microscopy</b> Markus Sauer (Würzburg University, DE, <a href="https://www.biozentrum.uni-wuerzburg.de/super-resolution/">https://www.biozentrum.uni-wuerzburg.de/super-resolution/</a> )
11:30 - 12:00 pm	<b>Nanoscale lipid dynamics in the plasma membrane</b> Christian Eggeling (Jena University, DE, <a href="https://www.biophysical-imaging.com/">https://www.biophysical-imaging.com/</a> )
12:00 - 12:30 pm	Round table discussion with optional "Meet the Speaker" sessions afterwards.
12:30 pm	Closing remarks