

Biolmaging Symposium

Ludwig-Maximilians-Universität München

April 7, 2016

8:50 Heinrich Leonhardt ,Welcome and opening'

9:00 Ernst Stelzer ,Scalable quantitative characterization of three-dimensional multicellular aggregates at single cell resolution with light sheet microscopy'

9:30 Jan Huisken ,Smart and gentle light sheet microscopy'

10:00 Rainer Heintzmann ,Lightwedge and lightsheet-raman microscopy'

10:30 **Coffee break - Discussions**

11:00 Alexander Egnér ,Super-resolved fluorescence microscopy: principle and applications of STED microscopy'

11:30 Don Lamb ,Single-particle tracking'

12:00 Ralf Jungmann ,Super-resolution microscopy with DNA molecules'

12:30 **Lunch break**

13:30 Matthia A. Karreman ,Caught in the act: high-resolution 3D imaging of single tumor cells invading mouse tissue *in vivo*'

14:00 Late breaking news session

15:00 **Coffee break - Discussions**

15:30 Stephan Preibisch ,Image reconstruction and application to whole-organism transcription imaging'

16:00 Cristina Cardoso ,Elementary units of DNA replication and repair unravelled by omics and super-resolution microscopy'

16:30 Heinrich Leonhardt ,Visualisation and manipulation of the invisible'

17:00 Heinrich Leonhardt ,Closing remarks'

April 8, 2016

9:00 - 17:00 Hands-on-Sessions

More information and free registration at:
www.calm.bio.lmu.de

Biozentrum, Dep. II, Großhaderner Straße 2,
82152 Planegg-Martinsried, Hörsaal B00.019

