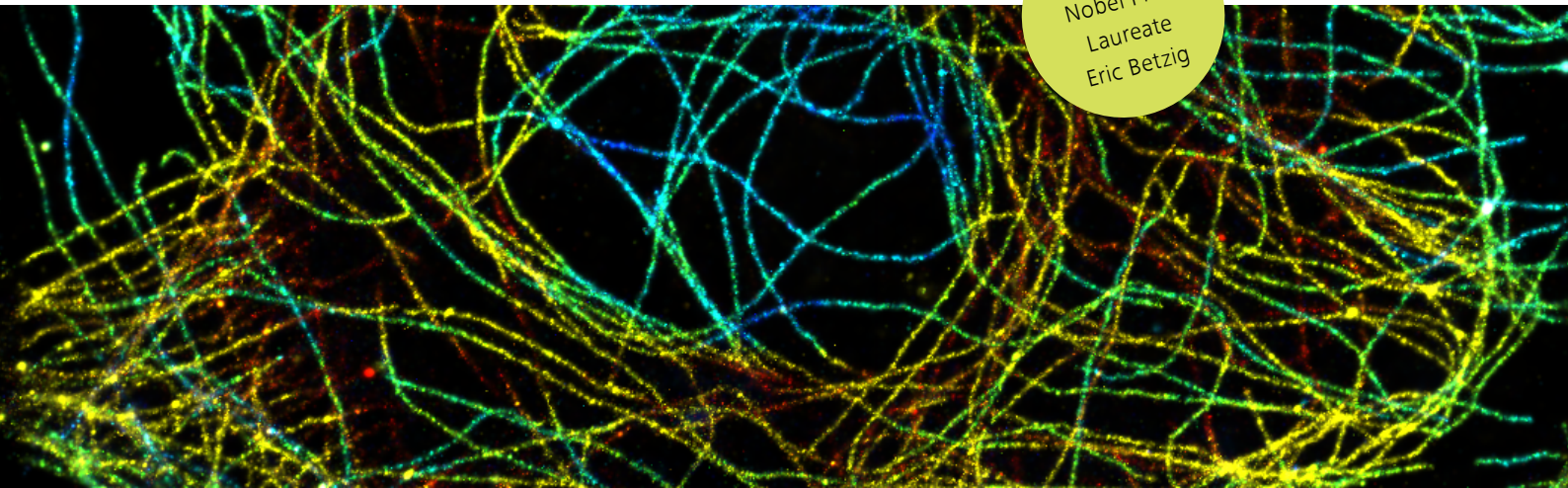


ZEISS Symposium & Workshop

Next Generation Superresolution Microscopy with ZEISS Elyra 7



Keynote
Nobel Prize
Laureate
Eric Betzig



ZEISS Forum | Oberkochen, Germany
February 27 – 28, 2019

You are cordially invited to the ZEISS Symposium „Next Generation Superresolution Microscopy with ZEISS Elyra 7“ on February 27, 2019.

Take advantage of this unique opportunity to see the latest advances in superresolution microscopy live – with the recently launched **ZEISS Elyra 7 featuring Lattice Structured Illumination Microscopy (SIM)**.

We are proud to welcome the 2014 **Nobel Prize Laureate, Professor Eric Betzig**, for a keynote lecture. Eric Betzig will introduce new technologies and their application in multidimensional biological fluorescence imaging including superresolution microscopy.

Convince yourself at a second day of comprehensive workshop sessions to learn how your work can benefit from a flexible platform for fast and gentle super-resolution imaging.

- Observe fast biological processes with an unprecedented speed of up to 255 frames/sec at superresolution using Lattice SIM
- Reduce the light dosage to your precious specimen and still capture all the details – in multiple colors simultaneously
- Resolve molecular structures in 3D with Single Molecule Localization Microscopy at up to 20 nm lateral resolution and unmatched 3D capture range of 1.4 μm in one go
- Use dual camera detection to simultaneously acquire two colors with high precision

Don't miss out – be one of the first to experience the next generation in superresolution microscopy with ZEISS Elyra 7.

[Register here until February 1, 2019.](#)

We are looking forward to welcoming you at the Symposium & Workshop.

[Program](#)

Program

Symposium February 27

Noon	Reception & Lunch
1 pm	Welcome Dr. Markus Weber President & CEO ZEISS Research Microscopy Solutions
1.30 pm	Keynote Lecture Visualizing Intracellular Organelle and Cytoskeletal Interactions at Nanoscale Resolution on Millisecond Time Scales Prof. Dr. Eric Betzig 2014 Nobel Prize Laureate Professor of Molecular and Cell Biology, University of California at Berkeley Eugene D. Commins Presidential Chair in Experimental Physics, University of California at Berkeley Investigator, Howard Hughes Medical Institute Senior Fellow, Janelia Research Campus
2.30 pm	Superresolution Microscopy with Molecular Resolution Prof. Dr. Markus Sauer Department of Biotechnology and Biophysics Biocenter University of Wuerzburg, Germany
3.20 pm	Revealing the Fastest Processes in Superresolution Dr. Rebecca Elsässer Business Sector Life Sciences ZEISS Research Microscopy Solutions
4.05 pm	Coffee Break
4.45 pm	ZEISS Factory Tours Semiconductor Technology Medical Solution Center
7 pm	Evening Event Explorhino Science Center Aalen

Workshop February 28

8.15 am	Welcome at ZEISS Customer Center Europe
8.30 am	System Demonstrations Life Cell Imaging in 1 h sessions: <ul style="list-style-type: none">■ Elyra 7 – Versatile Fast and Gentle 3D Superresolution■ Elyra 7 – Application and Technology of the New Lattice Light Illumination■ LSM 880 with Airyscan – Fast and Gentle Confocal Imaging■ Celldiscoverer 7 – Automated Live Cell Imaging■ Lightsheet Z.1 – Multiview Imaging of Large Specimens with Light Sheet Fluorescence Coffee Breaks & Lunch included
2.45 pm	End of event

Venue February 27

ZEISS Forum

Carl-Zeiss-Straße 22 | 73447 Oberkochen

Venue February 28

ZEISS Customer Center Europe

Rudolf-Eber-Straße 2 | 73447 Oberkochen

[Find more information, suggested hotels and organized transfers here.](#)

ZEISS Symposium and workshop are free of charge.