



Hartmannstr. 14, Kussmaul Campus, www.oice.fau.de

Optical Imaging Centre Erlangen

Microscopy **V-OICE** of Erlangen Symposium

Keynote Robert Prevedel / EMBL – Heidelberg

(Group Leader - Advanced optical techniques for deep tissue microscopy *in-vivo*)

Imaging brains in action - using advanced optical techniques to visualize dynamic events in living organisms

**Thursday, 1 p.m.
26th October**

See our instruments in action at the open lab tour!
Take part in our **Imaging Poster Contest**
Poster prize to win and one flash talk (15 min) presenter chosen from submitted abstracts!

**Registration & Abstract submission deadline
13.10.2017.** (Monika.g.Lang@fau.de)

Program:

- 1:00 *Opening - Ralf Palmisano*
- 1:15 *Imaging brains in action - using advanced optical techniques to visualize dynamic events in living organisms*
Robert Prevedel (EMBL - Heidelberg)
- 2:00 *Poster Flash Talk - tba*
- 2:15 **Coffee Break**
- 2:45 *Deep tissue 2-Photon imaging and computational super-resolution - Benjamin Schmid (OICE)*
- 3:00 *Fast three-dimensional tracking of single proteins on the live cell surface - Richard Taylor (MPL)*
- 3:15 *New use cases for interactive fluorescent cell segmentation with the CAET Tool - Thomas Wittenberg (METEAN)*
- 3:30 *Three dimensional live cell imaging of intestinal organoid structures - Philipp Tripal (OICE)*
- 3:45 *Update on observing (many) on molecule at a time - David Dulin (IZKF)*
- 4:00 *Light-sheet fluorescence microscopy: a fast and gentle method for volumetric imaging - Tina Fraaß (OICE)*
- 4:15 **System Demos Open Lab (3D STED, NLO Multi-Photon, Spinning Disc, LightSheet, iSCAT, Image Segmentation CAET)**
- 5 p.m. **Poster Session with food & drinks reception**
- 6 p.m. **Poster Price Announcement**

