



6th European Workshop on Advanced Fluorescence Methods

(Co-organised with NIM and CeNS)

December 10-14, 2018

LMU, HighTechCampus, Großhadern

The Institute of Physical Chemistry at LMU Munich, the Nanosystems Initiative Munich (NIM) and the Centre for NanoScience (CeNS) at LMU Munich are organizing the workshop on advanced concepts in fluorescence imaging and spectroscopy techniques.

Topics on the agenda range from single molecules to live cells and includes:

Single molecule FRET, Fluorescence Correlation Spectroscopy (FCS), Imaging Correlation Spectroscopy (ICS, RICS,...), Number and Brightness Analysis (N&B, PCH), time resolved fluorescence (both lifetime and Phasor approaches), Single Particle Tracking (SPT) in three dimensions, ...

The workshop consists of:

■ Theoretical lectures by:

Prof. Michelle **Digman** (UC, Irvine),
 Prof. Enrico **Gratton** (UC, Irvine),
 Prof Dina **Grohmann** (University of Regensburg),
 Prof. Jelle **Hendrix** (University of Hasselt)
 Dr. Felix **Koberling** (PicoQuant GmbH)
 Prof. Jochen **Müller** (University of Minnesota),
 Prof. Ben **Schuler** (University of Zurich UZH),
 Prof. Claus **Seidel** (University of Düsseldorf),
 Prof. Paul W. **Wiseman** (McGill University) and
 Prof. Don C. **Lamb** (LMU, Munich)

■ Practical training:

- ◆ Computer based training on data analysis and simulations, underscoring what has been taught during the lectures
- ◆ Hands-on laboratory training using the fluorescence microscopy instrumentation of the LMU (limited availability, applications will be honored in order of arrival)

Applications until November 23rd, 2018 under:

<http://www.cup.lmu.de/pc/lamb/workshop/index.html>

