



7th European Workshop on Advanced Fluorescence Methods

(Co-organised with SFB1032 and CeNS)

December 5-9, 2022

LMU, HighTechCampus, Großhadern

The Institute of Physical Chemistry at LMU Munich, SFB 1032 and the Centre for NanoScience (CeNS) are organizing the workshop on advanced concepts in fluorescence imaging and spectroscopy.

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 given by experts in the fields, among others :

Prof. Michelle **Digman** (UC, Irvine),
Prof. Enrico **Gratton** (UC, Irvine),
Prof. Jelle **Hendrix** (University of Hasselt)
Dr. Felix **Koberling** (PicoQuant GmbH)
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, 2022 under:

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

