

NIM Workshop on Advanced Fluorescence Methods

(Co-sponsored with CeNS)

December 08 - 12, 2014

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 NIM workshop on advanced concepts in fluorescence imaging techniques & instrumentation

The workshop consists of:

- Advanced theoretical lectures by:
*Prof. Enrico Gratton (UC, Irvine),
Dr. Michelle Digman (UC, Irvine),
Prof. Paul W. Wiseman (McGill University),
Prof. Jochen Müller (University of Minnesota),
Prof. Jörg Enderlein (University of Göttingen),
Prof. Claus Seidel (University of Düsseldorf),
Dr. Jelle Hendrix (University of Leuven) and
Prof. Don C. Lamb (LMU, Munich)*

- 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)

Topics on the agenda include:

Advanced Fluorescence Correlation Spectroscopy (FCS), Imaging Correlation Spectroscopy (ICS), Number and Brightness Analysis (N&B), the Phasor approach to FRET, the Photon Counting Histogram (PCH), Burst Analysis and Single Particle Tracking (SPT) in three dimensions

Applications until December 1, 2014 under:

<http://www.cup.uni-muenchen.de/pc/lamb/workshop/index.html>

