~~TOC~~

FLIM

What is "FLIM"

FLIM stands for **F**luorescence **L**ifetime **IM**aging or **F**luorescence **LI**fetime **M**icroscopy. (Fluorescence-lifetime imaging microscopy).

In FLIM additional image contrast that is gained by evaluating information on fluorophore decay dynamics for each image pixel. Usually a false color plot is used to visualize the average fluorescence lifetime in each pixel of the image.

FLIM on this wiki

- Fast FLIM
- FLIM
- FLIM Measurement Using a Nikon A1 with a FLIM and FCS Upgrade
- FLIM Measurement Using a Zeiss LSM710/LSM780/LSM880 with a FLIM and FCS Upgrade
- FLIM Measurements Using an Olympus FV3000 with a PicoQuant FLIM Upgrade
- FLIM-FRET Calculation for Multi Exponential Donors
- FLIM-FRET Calculation for Single Exponential Donors
- FLIM-FRET Measurement Using an Olympus FV1200 with a FLIM and FCS Upgrade
- How to Avoid the Pile-up Effect in FLIM Measurements
- Interfacing a time-resolved spectrometer (FluoTime 300) with a microscope (MicroTime 100)
- Lifetime Fitting Using the FLIM Analysis
- Lifetime-Fitting Using the FLIM Analysis (updated for SymPhoTime V 2.5 and above)
- Lifetime-Fitting Using the Rapid Reconvolution Model
- Nikon AX: NIS-Elements FLIM Examples
- Nikon AX: Phasor-Based Structural Separation Using FLIM
- Pattern Matching
- Phasor Analysis
- Recording a Fluorescence Lifetime Image (FLIM) Stack with a LSM Upgrade Kit on a Nikon A1
- ROI Fitting Using the FLIM Analysis
- ROI Fitting Using the FLIM Analysis (updated for SymPhoTime v2.5)
- Visualizing Dynamics Using the Multi Frame FLIM Analysis
- Visualizing Dynamics Using the Multi Frame FLIM Analysis (updated for SymPhoTime v2.5 and above)

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PicoQuant GmbH
Rudower Chaussee 29 (IGZ)
12489 Berlin
Germany

P +49-(0)30-1208820-89
F +49-(0)30-1208820-90
info@picoquant.com
www.picoquant.com