

Fast FLIM

FLIM image, using the [fast lifetime](#) calculation. The color-coded fast lifetime of each pixel represents the average photon arrival time with respect to the preceding laser pulse.

FLIM in 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](#)
- [LSM Upgrade Kit on Nikon AX: Lifetime Component Decomposition in Phasor Plot](#)
- [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 \(updated for SymPhoTime v2.5 and above\)](#)

Copyright of this document belongs to PicoQuant GmbH. No parts of it may be reproduced, translated or transferred to third parties without written permission of PicoQuant GmbH. All information given here is reliable to our best knowledge. However, no responsibility is assumed for possible inaccuracies or omissions. Specifications and external appearances are subject to change without notice.



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