

## Time-Resolved Fluorescence Wiki

This wiki is a loose collection of documents that the Support team of PicoQuant found to be of general interest to our customers or people working with Time Resolved Fluorescence or [TCSPC](#) in general. It is not meant to be complete.

### Frequently Used Tags

[acquisition](#) [analysis](#) [antibunching](#) [correlation](#) [dead\\_time](#) [demo](#) [easytau](#) [fcs](#) [flim](#) [fret](#) [ft300](#) [fv1200](#) [howto](#) [imaging](#) [irf](#) [ism\\_upgrade](#) [microscopy](#) [microtime](#) [microtime200](#) [olympus](#) [open\\_source](#) [pile-up](#) [psf](#) [software](#) [symphotime](#) [tcspc](#) [theory](#) [time-trace](#) [tutorial](#) [video](#)

### News from the community

24.10.19 New publication [DNA mechanotechnology reveals that integrin receptors apply pN forces in podosomes on fluid substrates](#) introducing the approach of **Molecular Tension-Fluorescence Lifetime Imaging Microscopy (MT-FLIM)**

24.10.19 [Open Access Book on Bioimage Data Analysis Workflows](#)

[...see more...](#)

## Basics

[General Introductions](#)

[PicoQuant YouTube Channel](#)

## HowTo's and Tutorials

[HowTo's and Tutorial Collection](#)

## Measurement Hardware / Instrumentation

[Spectroscopy](#)

[Microscopy](#)

## Applications

[Fluorescence Lifetime Imaging Microscopy \(FLIM\)](#)

[Foerster Resonance Energy Transfer \(FRET\)](#)

[Fluorescence Correlation Spectroscopy \(FCS\)](#)

[Single Molecule Detection \(SMD\)](#)

[Anisotropy](#)

[Synchrotron Applications](#)

## Data Acquisition and Analysis Software

[PicoQuant SymPhoTime Software \(SPT32/SPT64\)](#)

[Phasor Analysis](#)

[Open Source Software](#)

## Fluorophores and Samples

[Nitrogen Vacancy \(NV\) Centers](#)

## Support Documents

[HowTo's and Tutorial Collection](#)

[Supported MicroTime 200 PC Configuration for SymPhoTime32](#)

[Supported MicroTime 200 PC Configuration for SymPhoTime64](#)

[Configuring SymPhoTime64](#)

[TCSPC Modules and External Markers](#)

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