

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

04.09.19 [FRET.community](#) website is online. The FRET community serves as a hub for joint scientific efforts in the field of Förster resonance energy

Note also that recently [smFRET.org](#) by T.Ha group was also released. 03.09.19 Nice FRET Review published [FRET as a biomolecular research tool — understanding its potential while avoiding pitfalls](#)

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](#)

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