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 demo easytau faq fcs flim fret ft300 howto imaging irf lsm_upgrade microscopy microtime microtime200 mt200 nikon olympus open_source pile-up software spt symphotime tcspc time-trace tutorial video

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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