

## 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](#) [ism\\_upgrade](#) [microscopy](#) [microtime](#) [microtime200](#) [mt200](#) [nikon](#) [olympus](#) [open\\_source](#) [pile-up](#) [software](#) [spt](#) [symphotime](#) [tcspc](#) [time-trace](#) [tutorial](#) [video](#)

### News from the community

- **14.04.20** [Bioimage Data Analysis](#). New Expanded version of a nice open-source introduction.
- **14.04.20** [De novo design of protein logic gates](#).  
Fundamental enzymology work. Chen et al. describe the design of logic gates that can regulate protein association. The gates were built from small, designed proteins that all have a similar structure but where one module can be designed to interact specifically with another module. Using monomers and covalently connected monomers as inputs and encoding specificity through designed hydrogen-bond networks allowed the construction of two-input or three-input gates based on competitive binding.

[...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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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