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# **Phasor Analysis**

Phasor Analysis is currently not included in SymPhoTime64. However, you can use Globals developed by the Laboratory for Fluorescence Dynamics to analyse FLIM data via the Phasor approach.

### **Install SimFCS**

- Download Globals for Images
- Install SimFCS according to the documentation: http://www.lfd.uci.edu/globals/

### **Exporting from SymPhoTime64**

- Start FLIM analysis
- Calculate a fastFLIM image
- Select Export Binary 1)



## **Analysis in Globals/SimFCS**

- follow the Reading PicoQuant BIN files tutorial of the Globals Software package to import the BIN files.
- follow the Phasor Analysis Tutorial of the Globals Software.
- Deriving the laser frequency from PicoQuant BIN files
- Function: Read the PicoQuant file

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Users of SymPhoTime 32 with a PicoHarp 300 ,please refer to:

- Using PicoQuant PT3 format for FLIM
- Reading PicoQuant PT3 files for FCS and lifetime FCS

Additional Tutorials for the Globals software can be found here: http://www.lfd.uci.edu/globals/tutorials/

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### Structure of the pre-histogrammed Image Data File

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