

PyCorrFit: data analysis software for fluorescence correlation spectroscopy (FCS)

“[...] PyCorrFit is a general-purpose FCS evaluation software that, amongst other formats, supports the established Zeiss ConfoCor3 ~.fcs file format. PyCorrFit comes with several built-in model functions, covering a wide range of applications in standard confocal FCS. In addition, it contains equations dealing with different excitation geometries like total internal reflection (TIR).”

<http://pycorrfit.craban.de/>

GitHub: <https://github.com/paulmueller/PyCorrFit>

PyCorrFit does support the PicoQuant t3r file format (currently only '*.pt3')

<https://github.com/paulmueller/PyCorrFit/issues/69>

An enhancement request for implementing '*.ptu' file format support is existing.

<https://github.com/paulmueller/PyCorrFit/issues/84>

PyCorrFit is described in: Müller, P., Schwille, P., and Weidemann, T. PyCorrFit - generic data evaluation for fluorescence correlation spectroscopy. Bioinformatics 2014. <http://dx.doi.org/10.1093/bioinformatics/btu328>

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