FRETBursts Documentation

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Antonino Ingargiola

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Contents

FRETBursts is an open-source python package for burst analysis of freely-diffusing single-molecule FRET data for single and multi-spot experiments. FRETBursts supports both single-laser and dual-laser alternated excitation (ALEX and PAX) as well as ns-ALEX (or PIE).

We provide well-tested implementations of state-of-the-art algorithms for confocal smFRET analysis. We focus on computational reproducibility, by using Jupyter notebook based interfaces.

Please send questions or report issue on GitHub.