BIFL

BIFL stands for **B**urst **I**ntegrated **F**luorescence **L**ifetime: The photon events of a complete burst are accumulated into a TCSPC histogram which is used for lifetime analysis methods afterwards. Usually a burst is defined as a time interval for which the intensity of a time trace or MCS measurement is above a chosen threshold. Evaluation of all bursts present in an MCS trace, for example, results in a lifetime histogram.

BIFL is supported by the SymPhoTime software, alongside with a variety of burst related techniques.

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