Characterisation of SiPMs for the LHCb Scintillating Fibre Tracker

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SiPM Workshop: from fundamental research to industrial applications
3rd October 2019, Bari, Italy
• Short time window used for single pulse waveform analysis to characterise correlated noise and time constants
Characterisation of SiPMs for LHCb SciFi Tracker

- Short time window used for single pulse waveform analysis to characterise correlated noise and time constants
- Clean waveforms used to determine long pulse component time constant
Characterisation of SiPMs for LHCb SciFi Tracker

• Short time window used for single pulse waveform analysis to characterise correlated noise and time constants

• Clean waveforms used to determine long pulse component time constant

• Recovery time determined with APs

• Overlap of 2000 events