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Studies of pulse shape in SiPMs

We discuss the shape of the of the electrical signal produced by a single micro pixel avalanche in an SiPM. We compare the results of recent measurements with simulation, and how design choices affect the observed pulse shape. This has important implications for how the signal scales as an SiPM is made larger.

Author: Dr RUBINOV, Paul (Fermilab)

Presenter: Dr RUBINOV, Paul (Fermilab)

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