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MPPC performance

Summary

The CALICE Collaboration

For scintillator calorimeters, the photon sensors are the most important devices. The newly developed multipixel avalanche diode named MPPC is one of the candidates for such sensors. In this talk, we will describe the performance and understanding of MPPCs. In particular, the signal study which indicates the fast recovery after a pulse and rather linear behaviour with many photons will be reported in detail. The radiation tolerance will also be covered.

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