

Adding an Energy Loss Prior to the IceCube Muon Reconstruction Algorithm

Muon track reconstruction in IceCube lacks a proper treatment of stochastic energy losses and is likely limited because of it.

This talk will detail my attempts to add a muon energy loss prior into the IceCube muon reconstruction algorithm and the current state of energy and directional reconstruction with this method.

Are you are a member of the APS Division of Particles and Fields?

No

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