

Abstract Submitted
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Dilepton Triggers for SUSY Searches at CDF MELISA ROSSI, University of Udine, CDF COLLABORATION — There are several SUSY scenarios that favour the production of events characterized by multiple leptons in the final state. The Collider Detector at Fermilab (CDF) has developed a dedicated dilepton trigger for exotic searches which is organized in a multipath structure. We will discuss the potential of this trigger and present a new strategy for monitoring and calibration which is based on single leptons rather than lepton pairs. The application of this technique to CDF Run II data will be illustrated.

Song Ming Wang
University of Florida

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