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Type: **oral presentation**

The Performance and Operation of the D0 Calorimeter

Friday, May 30, 2008 11:15 AM (20 minutes)

Summary

The operation and performance of the D0 calorimeter is presented. We review the overall design of the three cryostat 17 layer, ~50,000 readout channel liquid argon sampling detector. A review of the calorimeter operations will be presented with specific focus on calibration techniques, hardware monitoring and stability, and overall data quality strategies. The aim of this talk is to review the techniques and systems that were developed to optimize the resolution and performance of the D0 calorimeter.

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