



Contribution ID: 330

Type: **not specified**

## Muon ID and measurement in the 4th detector

*Friday, 2 October 2009 08:50 (20 minutes)*

### Summary

Two of the innovations in the 4th detector are an iron-free flux return and a dual-readout fiber calorimeter. I will describe how these two benefit the precision measurement and the particle identification of muons.

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**Session Classification:** Detectors: Muons