

CDF/D0/AD Luminosity meeting

Action Items

July 28 2004

All

All

Action Items

❖ Studies

- Beta-function measurements with beam excitation (most direct measurement); **Mike Syphers** is working on this and is currently working parasitically. He will submit an official request for a study with the beam as soon as he learns what he needs to learn from the injection studies.
 - Beta-function measurement at the p-bar helix; **Valeri** will follow up with organizing this study.
 - Multiple flies for the FW in one store; **Vaia** is organizing this study. We plan to perform it some time between August 10 and August 15.
- ## ❖ Looking for correlations in the existing data
- Bunch by bunch CDF/D0 ratio as a function of luminosity; **Valeri** and **Vaia** are working with **Saul** on this.

Action Items – cont.

We are currently trying to get bunch by bunch information from D44 for CDF and D0 at a frequency of 1 Hz.

❖ Detectors:

- Produce a common physics measurement as a function of luminosity. W production, say. Try to have results on this as soon as possible and keep checking the quality of the luminosity measurements.