Workshop on W/Z Physics

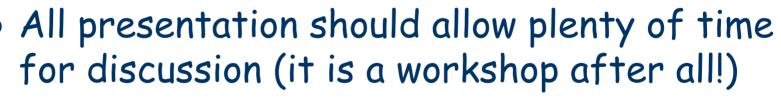
- Welcome to the 1st (with Run II data!) joint CTEQ/CDF/DØ workshop on W/Z physics
- Workshop web page:

EO

W/Z Workshop 4/22/05

Nikos Varelas

- http://www.uic.edu/~varelas/wz_workshop.html
- Speakers please post your talks to the CERN Agenda Server (link provided at the web page)



- Coffee break @ 10:50 and lunch @ 12:30
 - Don't forget the w&c talk at 4pm

Workshop Goals (1)

- 1. Review the Tevatron W/Z results from Run II and discuss future prospects of precision measurements
 - So far ~0.7 fb⁻¹ of data per experiment
 - ~2 fb⁻¹ by end of 2006
 - A wealth of EW results is coming from CDF and DØ



http://www-cdf.fnal.gov/physics/ewk/

http://www-d0.fnal.gov/Run2Physics/WWW/results/ew.htm

- What tools would experimentalists like theorists to provide?
- What measurements would theorists like experimentalists to provide?

Nikos Varelas



Workshop Goals (2)

- 2. Review the latest theoretical and experimental developments related to the W-mass measurement
 - What happened since the 2003 W-mass workshop?
 - Discuss current analysis techniques and future plans
 - Do we have all theoretical tools needed to measure the W-mass with high precision at Run II?
 - \bullet PDF errors, W p_{T} spectrum, resummation techniques, QED radiative corrections...

Nikos Varelas





09:00-09:10 Welcome Nikos Varelas 09:10-10:00 W/Z Results from D0 Marko Verzocchi 10:00-10:50 W/Z Results from CDF **David Waters** 10:50-11:10 Break 11:10-11:55 W/Z Theory Update Pavel Nadolsky 11:55-12:05 Experience with Resbos Ian Vollrath 12:05-12:30 **Resbos-A** Update C.P. Yuan 12:30-01:15 Lunch Ashutosh Kotwal W Mass Overview and Future Needs 01:15-02:00 02:00-02:40 Understanding W/Z+jets from Theory Steve Mrenna 02:40-03:15 W/Z+jets Results from CDF and D0 Suyong Choi Nikos Varelas 03:15-03:45 Workshop Summary Steve Kuhlmann