

Special DØ Collaboration Meeting June 9-10 2014

Dmitri Denisov

June 10, 2014 Fermilab

Special Meeting

- DØ June 9-10 2014 meeting has three major goals
 - Discuss progress with new results for ICHEP 2014
 - Review the experiment 30 years program
 - Outline the experiment future plans
- As the number of analyses/activities is slowly going down, we expect this to be the last scheduled collaboration meeting
 - We will continue to have managers, conveners, physics groups, EBs, Speakers Bureau, etc. meetings
 - We might need Institutional Board meetings, while expect that majority of IB topics will be addressed via E-mails
- We have excellent set of ICHEP analyses talks yesterday
 - All talks are on the agenda server
 - Rick Van Kooten will summarize yesterday's talks later today
- Today we will concentrate on the review of the experiment program over many years and future plans

Today's Program

Tuesday, June 10, 2014

Session 1 (09:00 ->10:35)

Chairperson: Gregorio Bernardi (LPNHE Paris)

Location: Auditorium

09:00 6.	Introduction (10')	Dmitri Denisov (Fermilab)
09:10 7.	Welcome from the Laboratory (10')	Greg Bock (Fermilab)
09:20 8.	Dawn of DZero (25')	Paul Grannis (Stony Brook University)
09:45 9.	Run I physics (25')	Hugh Montgomery (FNAL)
10:10 10.	Run II upgrade (25')	Hendrik Weerts (Argonne National Laboratory)

10:35 Coffee Break (10:35 - 10:50) (15')

Session 2 (10:50 ->12:55)

Chairperson: Paul Grannis (Stony Brook University)

Location: Auditorium

10:50 11.	  DZero International Cooperation (25')	John Womersley (RUTHERFORD-APPLETON LABS, UK)
11:15 12.	DZero algorithms (25')	Erich Varnes (University of Arizona)
11:40 13.	Computing and Reco from VAX to CAB (25')	Amber Boehnlein (SLAC)
12:05 14.	DZero students and postdocs (25')	Stefan Soldner-Rembold (University of Manchester)
12:30 15.	Running the D0 (25')	George Ginther (University of Rochester)

12:55 Collaboration Picture Photo Session in front of Wilson Hall (10')

13:05 Lunch (13:05 - 13:55) (50')

- Coffee breaks – use Fermilab's cafeteria
- **Photo session at 12:55 – right after Session 2 in front of the Wilson Hall**
- Lunch is in Fermilab cafeteria, they "close" at 13:30 – get your order quickly

Today's Program

12:55 Collaboration Picture Photo Session in front of Wilson Hall (10')

13:05 Lunch (13:05 - 13:55) (50')

Session 3 (13:55 ->15:35)

Chairperson: Hugh Montgomery (FNAL)

Location: Auditorium

13:55 Heavy flavor from heavy baryons to CP asymmetry (25')
16.

Marjorie Corcoran (Rice University)

14:20 Precision EW measurements (25')
17.

Terry Wyatt (University of Manchester, UK)

14:45 Studies of QCD (25')
18.

Bob Hirosky (Virginia)

15:10 Looking for physics beyond Standard Model in Tevatron data (25')
19.

Marco Verzocchi (Fermilab)

15:35 Coffee Break (15:35 - 16:00) (25')

Session 4 (16:00 ->18:00)

Chairperson: Dmitri Denisov (Fermilab)

Location: Auditorium

16:00 From limits to evidence – road to the Higgs (25')
21.

Aurelio Juste (ICREA/IFAE)

16:25 Top quark precision measurements in Run II (25')
22.

Darien Wood (Northeastern University)

16:50 Physics Workshop summary and beyond (35')
23.

Rick Van Kooten (Indiana University)

17:25 Institutional Board meeting summary (15')
24.

David Hedin (Northern Illinois University)

17:40 Concluding Remarks (20')
25.

Gregorio Bernardi (LPNHE Paris)

Collaboration Dinner at Riverview Banquets (18:30 - 21:00) (18:30 ->21:00)

Location: 1117 North Washington Avenue, Batavia ((Driving directions: <http://mapq.st/1phlqWn>))

18:30 Slides Collaboration Dinner at Riverview Banquets (2h30')
26.

- We plan to finish by 18:00 with dinner starting at 18:30 at the Riverview Banquets
 - Direction to the dinner are on the next slide, 10 minutes drive from Fermilab
- Those who did not have time to pay for reception/dinner
 - Barb is collecting payments outside Auditorium
- Thanks to Barb, Qizhong, Mark and Julie for all their efforts organizing the dinner

Directions to the Riverview Banquets

Get directions My places

Kirk & Pine, Batavia, IL
Riverview Banquets in Batavia, IL
[Add Destination - Show options](#)

GET DIRECTIONS

Suggested routes

Route	Distance	Time	Traffic
77/N Kirk Rd and E Fabyan Pkwy	3.7 mi	6 mins	In current traffic: 8 mins
Pine St and IL-25 N/N Washington Ave	2.7 mi	6 mins	No traffic information
Kirk Rd, E Wilson St and IL-25 N/N Washington Ave	3.2 mi	7 mins	In current traffic: 8 mins

Driving directions to Riverview Banquets

A Kirk Rd & Pine St
Batavia, IL

1. Head east toward Kirk Rd
2. Turn left onto 77/Kirk Rd
3. Turn left onto E Fabyan Pkwy
4. Turn left onto IL-25 S/N Washington Ave
Destination will be on the right

B Riverview Banquets
1117 N Washington Ave
Batavia, IL 60510

Fermilab Pine Street Gate

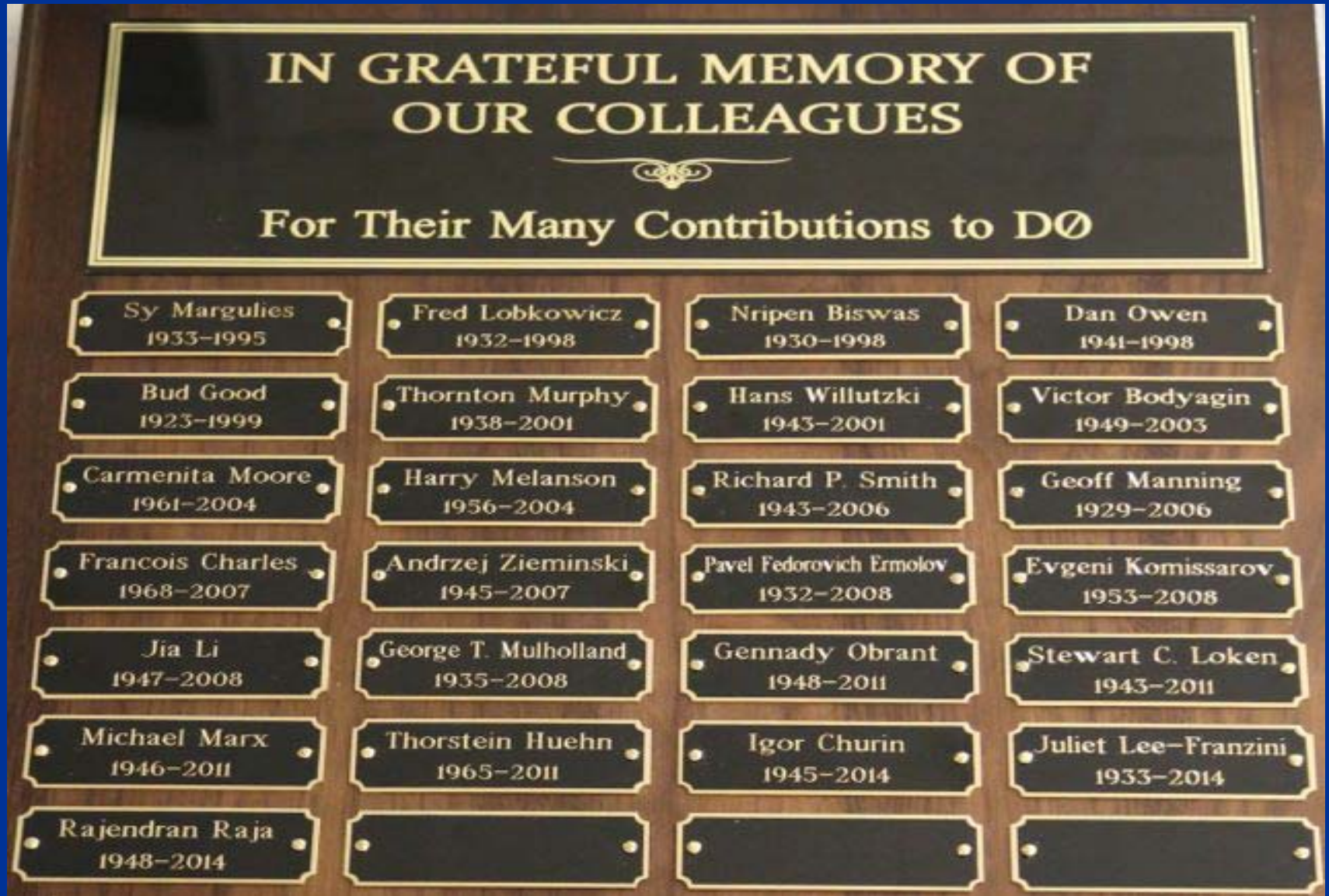
Drag to change route

Thanks to Fermilab and the Tevatron!



- For hosting the experiment!
- For delivering 120 pb^{-1} in Run I and 12 fb^{-1} in Run II of the world record proton-antiproton 2 TeV collisions!

A Minute of Silence



For our collaborators who are no longer with us

Thank you all for coming and...

**let's enjoy reviewing DØ reach history
and exciting future plans!**