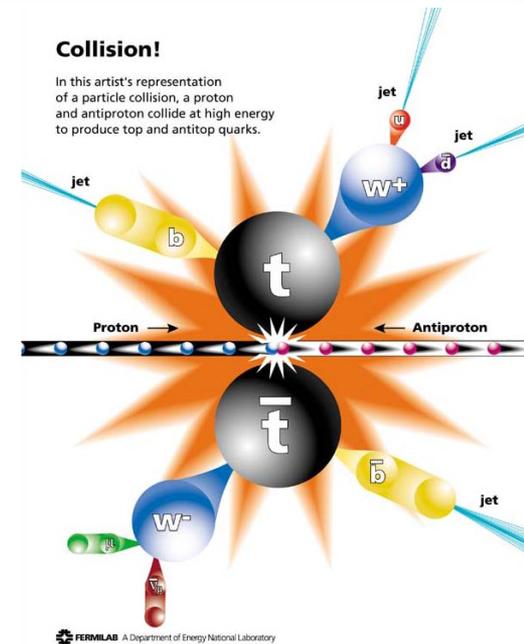




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Welcome to the “Top at Twenty” Workshop



Dmitri Denisov, Paul Grannis, David Toback, Costas Vellidis

“Top at Twenty” Workshop

9 April 2015

“Top at Twenty” Workshop

- The "Top at Twenty" workshop is dedicated to the celebration of 20 years since the top quark discovery at Fermilab in 1995
- Speakers from all experiments capable of studying top quark, ATLAS, CDF, CMS and DØ, will present the most recent results of the top quark studies based on Run II of the Tevatron and Run I of the LHC
- Theoretical talks on how the top quark fits into the Standard Model and its potential extensions will also be presented

March 2, 1995: Joint CDF/DØ Seminar Announcing the Top Quark Discovery



The Workshop Organization – All Sessions in 1 West

Agenda

Top at Twenty

Thursday April 9

Session 1 Chair Dmitri Denisov

9:00	9:10	Welcome/logistics	Dmitri Denisov	Fermilab
9:10	9:30	Overview and History	Nigel Lockyer	Fermilab
9:30	10:00	The role of top in the standard model	Ulrich Haisch	Oxford Univ.
10:00	10:30	Experimental techniques in top studies	Oleg Brandt	Univ. of Gottingen

10:30 11:00 coffee

Session 2 Chair Costas Vellidis

11:00	11:20	Top pair inclusive and differential cross sections at the Tevatron	Evelyn Thomson	Univ. of Pennsylvania
11:20	11:40	Top pair inclusive and differential cross sections at the LHC	Jie Yu	Oklahoma State Univ.
11:40	12:00	ttbar + X cross sections	Andrew Brinkerhoff	Notre Dame Univ.
12:00	12:30	Top pair production theory	Alex Mitov	Cambridge Univ.

12:30 12:40 Workshop photo (Wilson Hall front steps)

12:40 14:00 Lunch

Session 3 Chair Paul Grannis

14:00	14:30	Top (and b-quark) asymmetries at the Tevatron	Ziqing Hong	Texas A&M Univ.
14:30	15:00	Top (and b-quark) asymmetries at the LHC	Michele Pinamonti	Univ. of Udine
15:00	15:25	Single top cross sections and Vtb measurements at the Tevatron	Reinhard Schwienhorst	Michigan State Univ.
15:25	15:50	Single top cross sections and Vtb measurements at the LHC	Matthias Komm	Univ. Catholique Louvain

15:50 16:20 coffee

Session 4 Chair Dave Toback

16:20	16:45	Single top, Vtb, polarization theory	Zack Sullivan	Illinois Inst. of Technology
16:45	17:15	Spin correlations and top polarization: Tevatron + LHC	Frederic Deliot	CEA/Irfu/SPP Saclay

17:15 18:45 Reception Wilson Hall 2nd floor crossover

Second Day of the Workshop

Friday April 10

Top at Twenty

Session 5 Chair Hugh Montgomery

9:00	9:30	Top mass theory and connection with experiment	Stefan Weinzierl	Univ. Mainz
9:30	10:00	Top mass at Tevatron	Andreas Jung	Fermilab
10:00	10:30	Top mass at LHC	Meenakshi Narain	Brown Univ.

10:30 11:00 *coffee*

Session 6 Chair Giorgio Bellettini

11:00	11:30	Top properties at Tevatron (excluding mass)	Camilla Galloni	Univ. Zurich
11:30	12:00	Top properties at LHC (excluding mass)	James Howarth	DESY
12:00	12:30	Top couplings at the Tevatron + LHC	Andrey Popov	Univ. Catholique Louvain

12:30 14:00 *lunch*

Session 7 Chair Keith Ellis

14:00	14:30	Models of testable new physics in top sector	Roni Harnik	Fermilab
14:30	15:00	Searches for new physics in top sector at the Tevatron	Florencia Canelli	Univ. Zurich
15:00	15:30	Searches for new physics in top sector at the LHC	Davide Gerbaudo	Univ. California, Irvine

15:30 16:00 *wine and cheese reception (2nd floor crossover)*

16:00 17:00 Wine and Cheese seminar: Perspectives for top physics John Campbell Fermilab

Logistics

- All speakers, please, upload your talks (or give them to the organizers) well before your session starts
- Wireless – connect to “guest” and follow the instructions
- In the case of on-site emergency dial 3131 from any lab’s phone or call 630-840-3131 from your cell phone
- Conference support team will be around during the workshop hours
- After hours feel free to send mail to Paul, Costas, David or Dmitri with any questions
 - Dmitri’s cell 630-531-0413; Paul’s cell 631-678-6986 just in case



By Daniel Claes

Welcome and let's have interesting and productive workshop!