

TeV4LHC

Report of Contributions

Contribution ID: 1

Type: **not specified**

Z-prime searches: the Tevatron/LHC synergy

Thursday 20 October 2005 09:00 (30 minutes)

Author: MICHAEL SCHMITT (Northwestern Univ. and CDF)

Presenter: MICHAEL SCHMITT (Northwestern Univ. and CDF)

Session Classification: Plenary Session

Contribution ID: 2

Type: **not specified**

Working Group Meetings

Thursday 20 October 2005 13:30 (2h 30m)

See agendas below

Session Classification: Plenary Session

Contribution ID: 3

Type: **not specified**

Working Group Meetings

Thursday 20 October 2005 16:00 (2 hours)

See agendas below

Session Classification: Plenary Session

Contribution ID: 4

Type: **not specified**

Single Top: From the Tevatron to the LHC

Thursday 20 October 2005 09:30 (30 minutes)

Author: , Reinhard Schwienhorst (Michigan State Univ. and D0)

Presenter: , Reinhard Schwienhorst (Michigan State Univ. and D0)

Session Classification: Plenary Session

Contribution ID: 5

Type: **not specified**

MSSM Higgs Searches and rare B decays

Thursday 20 October 2005 11:00 (30 minutes)

Author: CARLOS WAGNER (Argonne National Lab.)

Presenter: CARLOS WAGNER (Argonne National Lab.)

Session Classification: Plenary Session

Contribution ID: 6

Type: **not specified**

Searches for MSSM Higgs at the Tevatron

Thursday 20 October 2005 11:30 (30 minutes)

Author: ANTON ANASTASSOV (Rutgers and CDF)

Presenter: ANTON ANASTASSOV (Rutgers and CDF)

Session Classification: Plenary Session

Contribution ID: 7

Type: **not specified**

The Tevatron and WBF at the LHC

Thursday 20 October 2005 12:00 (30 minutes)

Author: MICHAEL DUEHRSEN (Univ. of Freiburg and ATLAS)

Presenter: MICHAEL DUEHRSEN (Univ. of Freiburg and ATLAS)

Session Classification: Plenary Session

Contribution ID: 8

Type: **not specified**

Challenges in searching for new physics scenarios

Thursday 20 October 2005 08:30 (30 minutes)

Author: TAO HAN (U. of Wisconsin, Madison)

Presenter: TAO HAN (U. of Wisconsin, Madison)

Session Classification: Plenary Session

Contribution ID: 9

Type: **not specified**

Physics at the LPC

Thursday 20 October 2005 10:00 (30 minutes)

Author: BOAZ KLIMA (Fermilab and CMS)

Presenter: BOAZ KLIMA (Fermilab and CMS)

Session Classification: Plenary Session

Contribution ID: **10**

Type: **not specified**

Discussion session for proceedings writeup

Friday 21 October 2005 09:00 (3h 30m)

Session Classification: Landscape

Contribution ID: 11

Type: **not specified**

Uncertainties in W and Z boson production

*Friday 21 October 2005 08:30 (20 minutes)***Author:** , S. Berge (SMU)**Presenter:** , S. Berge (SMU)**Session Classification:** Top-Electroweak: EW session

Contribution ID: 12

Type: **not specified**

Plans for the EW theory section

Friday 21 October 2005 08:50 (40 minutes)

Author: ALL

Presenter: ALL

Session Classification: Top-Electroweak: EW session

Contribution ID: 13

Type: **not specified**

W and Z production cross sections

Friday 21 October 2005 09:30 (15 minutes)

Author: DAVE WATERS (University College, London)

Presenter: DAVE WATERS (University College, London)

Session Classification: Top-Electroweak: EW session

Contribution ID: 14

Type: **not specified**

Diboson Production

Friday 21 October 2005 09:45 (15 minutes)

Author: ANDREW ASKEW (Florida State University)

Presenter: ANDREW ASKEW (Florida State University)

Session Classification: Top-Electroweak: EW session

Contribution ID: 15

Type: **not specified**

H->WW results from CDF

Friday 21 October 2005 09:00 (15 minutes)

Author: , Mircea Coca (Duke University)

Presenter: , Mircea Coca (Duke University)

Session Classification: Higgs

Contribution ID: 16

Type: **not specified**

H->WW results from Dzero

Friday 21 October 2005 09:20 (15 minutes)

Author: ALAN STONE (University of Illinois, Chicago)

Presenter: ALAN STONE (University of Illinois, Chicago)

Session Classification: Higgs

Contribution ID: 17

Type: **not specified**

ttH searches at CDF

Friday 21 October 2005 09:40 (15 minutes)

Author: STAN LAI (McGill University, Montreal)

Presenter: STAN LAI (McGill University, Montreal)

Session Classification: Higgs

Contribution ID: 18

Type: **not specified**

QCD Higher Order Corrections in H- \rightarrow tautau Analysis at the LHC

*Friday 21 October 2005 10:30 (15 minutes)***Author:** BRUCE MELLADO (University of Wisconsin, Madison)**Presenter:** BRUCE MELLADO (University of Wisconsin, Madison)**Session Classification:** Higgs

Contribution ID: 19

Type: **not specified**

Jet resolution improvement techniques

Friday 21 October 2005 10:50 (15 minutes)

Author: ARIEL SCHWARTZMAN (Princeton)

Presenter: ARIEL SCHWARTZMAN (Princeton)

Session Classification: Higgs

Contribution ID: 20

Type: **not specified**

Higgs sensitivity update from CDF

Friday 21 October 2005 11:10 (15 minutes)

Author: TOM JUNK (UI at Urbana-Champaign)

Presenter: TOM JUNK (UI at Urbana-Champaign)

Session Classification: Higgs

Contribution ID: 21

Type: **not specified**

Higgs sensitivity update from Dzero

Friday 21 October 2005 11:30 (15 minutes)

Author: GREGORIO BERNARDI (LPNHE-Paris)

Presenter: GREGORIO BERNARDI (LPNHE-Paris)

Session Classification: Higgs

Contribution ID: 22

Type: **not specified**

CKKW studies and other news

Thursday 20 October 2005 13:30 (30 minutes)

Author: , Joey Huston

Presenter: , Joey Huston

Session Classification: Top-Electroweak-QCD

Contribution ID: 23

Type: **not specified**

New tunes with Pythia and Jimmy

Thursday 20 October 2005 14:00 (30 minutes)

Author: , Rick Field (Univ. of Florida)

Presenter: , Rick Field (Univ. of Florida)

Session Classification: Top-Electroweak-QCD

Contribution ID: 24

Type: **not specified**

LHAPDF + LHAGLUE

Thursday 20 October 2005 14:30 (30 minutes)

Author: , C. Group (U. Florida)

Presenter: , C. Group (U. Florida)

Session Classification: Top-Electroweak-QCD

Contribution ID: 25

Type: **not specified**

CTEQ alpha_s series and the road to CTEQ7

Thursday 20 October 2005 15:00 (30 minutes)

Author: DAN STUMP (BY VIDEO) (Michigan State University)

Presenter: DAN STUMP (BY VIDEO) (Michigan State University)

Session Classification: Top-Electroweak-QCD

Contribution ID: 26

Type: **not specified**

Working Group Meetings

Friday 21 October 2005 09:00 (1 hour)

See agendas below

Session Classification: Parallel Meetings/Top Fest

Contribution ID: 27

Type: **not specified**

Working Group Meetings

Friday 21 October 2005 10:30 (8 hours)

See agendas below

Session Classification: Parallel Meetings/Top Fest

Contribution ID: 28

Type: **not specified**

Top Turns Ten Celebration

Friday 21 October 2005 13:00 (4 hours)

Session Classification: Parallel Meetings/Top Fest

Contribution ID: 29

Type: **not specified**

Discussion

Friday 21 October 2005 11:45 (45 minutes)

Author: ALL

Presenter: ALL

Session Classification: Top-Electroweak

Contribution ID: 30

Type: **not specified**

Top mass: now and extrapolations to larger datasets

Friday 21 October 2005 11:30 (15 minutes)

Author: D. GLENZINSKI/ F. CANELLI/ U. YANG (Fermilab/ UCLA/ UChicago)

Presenter: D. GLENZINSKI/ F. CANELLI/ U. YANG (Fermilab/ UCLA/ UChicago)

Session Classification: Top-Electroweak

Contribution ID: 31

Type: **not specified**

W mass systematics

Friday 21 October 2005 10:30 (15 minutes)

Author: CHRIS HAYS (Duke University)

Presenter: CHRIS HAYS (Duke University)

Session Classification: Top-Electroweak

Contribution ID: 32

Type: **not specified**

Discussion of the EW experimental section

Friday 21 October 2005 11:00 (30 minutes)

Session Classification: Top-Electroweak

Contribution ID: 33

Type: **not specified**

W mass systematics (D0)

Friday 21 October 2005 10:45 (15 minutes)

Author: JAN STARK

Presenter: JAN STARK

Session Classification: Top-Electroweak

Contribution ID: 34

Type: **not specified**

Comparing the Run II Cone Algorithms

Friday 21 October 2005 10:30 (30 minutes)

Author: , M. Wobisch (Fermilab and D0)

Presenter: , M. Wobisch (Fermilab and D0)

Session Classification: QCD

Contribution ID: 35

Type: **not specified**

Recent studies of the underlying events at CDF

Friday 21 October 2005 09:20 (30 minutes)

Author: , Rick Field (Univ. of Florida)

Presenter: , Rick Field (Univ. of Florida)

Session Classification: QCD

Contribution ID: 36

Type: **not specified**

Exclusive gamma gamma and χ_c production

Friday 21 October 2005 11:30 (20 minutes)

Author: , Mike Albrow (Fermilab)

Presenter: , Mike Albrow (Fermilab)

Session Classification: QCD

Contribution ID: 37

Type: **not specified**

High Mass Diffraction at the LHC

Friday 21 October 2005 09:00 (20 minutes)

Note change from previous agenda

Author: , Christophe Royon (Cea-Saclay and D0)

Presenter: , Christophe Royon (Cea-Saclay and D0)

Session Classification: QCD

Contribution ID: 38

Type: **not specified**

FP420 and Exclusive Higgs, WW, ZZ at the LHC

Friday 21 October 2005 12:10 (15 minutes)

Author: , Albert DeRoeck (CERN)

Presenter: , Albert DeRoeck (CERN)

Session Classification: QCD

Contribution ID: 39

Type: **not specified**

Further discussion/writeup

Friday 21 October 2005 11:00 (30 minutes)

Author: ALL

Presenter: ALL

Session Classification: QCD

Contribution ID: 40

Type: **not specified**

Measurement Opportunities at the Tevatron

Saturday 22 October 2005 09:00 (30 minutes)

Author: FRANK CHLEBANA (Fermilab and CDF)

Presenter: FRANK CHLEBANA (Fermilab and CDF)

Session Classification: Plenary Talks and Reports

Contribution ID: 41

Type: **not specified**

The LHC Turn-on and the Tevatron

Saturday 22 October 2005 09:30 (30 minutes)

Author: ALBERT DEROECK (CERN and Univ. of Antwerp)

Presenter: ALBERT DEROECK (CERN and Univ. of Antwerp)

Session Classification: Plenary Talks and Reports

Contribution ID: 42

Type: **not specified**

Heavy Particles and Jets at the Tevatron and LHC

Saturday 22 October 2005 08:30 (30 minutes)

Author: PETER SKANDS (Fermilab Theory)

Presenter: PETER SKANDS (Fermilab Theory)

Session Classification: Plenary Talks and Reports

Contribution ID: 43

Type: **not specified**

Working Group Reports

Saturday 22 October 2005 10:30 (2 hours)

Session Classification: Plenary Talks and Reports

Contribution ID: 44

Type: **not specified**

fastNLO

Thursday 20 October 2005 16:00 (30 minutes)

Author: , M. Wobisch (Fermilab and D0)

Presenter: , M. Wobisch (Fermilab and D0)

Session Classification: QCD

Contribution ID: 45

Type: **not specified**

Progress report on Samper

Thursday 20 October 2005 16:30 (30 minutes)

Author: , Giele, W.

Presenter: , Giele, W.

Session Classification: QCD

Contribution ID: 46

Type: **not specified**

The Cedar project

Thursday 20 October 2005 17:00 (20 minutes)

Author: NURSE, Emily (Unknown)

Presenter: NURSE, Emily (Unknown)

Session Classification: QCD

Contribution ID: 47

Type: **not specified**

Who does what for the writeup

Thursday 20 October 2005 17:20 (30 minutes)

Session Classification: QCD

Contribution ID: 48

Type: **not specified**

**See joint session for Top-EW-QCD below for
1:30-3:30 slot**

Thursday 20 October 2005 13:30 (2 hours)

Session Classification: QCD

Contribution ID: 49

Type: **not specified**

Distinguishing between long-lived stable, massive charged particles

Thursday 20 October 2005 17:00 (20 minutes)

Author: MILSTEAD, David Anthony (Stockholm University)

Presenter: MILSTEAD, David Anthony (Stockholm University)

Session Classification: Landscape

Contribution ID: 50

Type: **not specified**

Electrons and photons

Thursday 20 October 2005 13:50 (20 minutes)

Author: , Y. Gershtein (Florida State)

Presenter: , Y. Gershtein (Florida State)

Session Classification: Landscape

Contribution ID: 51

Type: **not specified**

SM background for SUSY search at ATLAS (ME and fake missing MET)

Thursday 20 October 2005 14:30 (20 minutes)

Author: ASAI, Shoji (Department of Physics Particle Physics)

Presenter: ASAI, Shoji (Department of Physics Particle Physics)

Session Classification: Landscape

Contribution ID: 52

Type: **not specified**

Identifying taus, from D0 to ATLAS

Thursday 20 October 2005 14:10 (20 minutes)

Author: , M. Heldmann (U. Freiburg)

Presenter: , M. Heldmann (U. Freiburg)

Session Classification: Landscape

Contribution ID: 53

Type: **not specified**

Distinguishing SUSY from UED

Thursday 20 October 2005 16:00 (20 minutes)

Author: , K. Kong (U. Florida)

Presenter: , K. Kong (U. Florida)

Session Classification: Landscape

Contribution ID: 54

Type: **not specified**

Measuring virtual slepton masses at LHC

*Thursday 20 October 2005 16:20 (20 minutes)***Author:** , C. Group (U. Florida)**Presenter:** , C. Group (U. Florida)**Session Classification:** Landscape

Contribution ID: 55

Type: **not specified**

Single KK production in UED models

Thursday 20 October 2005 16:40 (20 minutes)

Author: , C. Macesanu (Syracuse U.)

Presenter: , C. Macesanu (Syracuse U.)

Session Classification: Landscape

Contribution ID: 56

Type: **not specified**

Bs -> mu+mu- at Tevatron

Thursday 20 October 2005 13:30 (20 minutes)

Author: , C.-J. Lin (Fermilab and CDF)

Presenter: , C.-J. Lin (Fermilab and CDF)

Session Classification: Landscape

Contribution ID: 57

Type: **not specified**

Angular Correlations in Single Top Production

Thursday 20 October 2005 16:30 (15 minutes)

Author: ZACK SULLIVAN (Argonne National Lab)

Presenter: ZACK SULLIVAN (Argonne National Lab)

Session Classification: Top-Electroweak: single top session

Contribution ID: 58

Type: **not specified**

Single top production at NLO

Thursday 20 October 2005 16:00 (15 minutes)

Author: C.-P. YUAN (Michigan State University)

Presenter: C.-P. YUAN (Michigan State University)

Session Classification: Top-Electroweak: single top session

Contribution ID: 59

Type: **not specified**

Exploiting asymmetries in single top searches

Thursday 20 October 2005 16:15 (15 minutes)

Author: MATT BOWEN (University of Washington)

Presenter: MATT BOWEN (University of Washington)

Session Classification: Top-Electroweak: single top session

Contribution ID: **60**Type: **not specified**

Validation of Single-Top MC Samples at CDF

*Thursday 20 October 2005 16:45 (15 minutes)***Author:** WOLFGANG WAGNER (Universitat Karlsruhe)**Presenter:** WOLFGANG WAGNER (Universitat Karlsruhe)**Session Classification:** Top-Electroweak: single top session

Contribution ID: **61**

Type: **not specified**

Tevatron searches for single top (D0)

Thursday 20 October 2005 17:00 (10 minutes)

Author: ARAN GARCIA BELLIDO

Presenter: ARAN GARCIA BELLIDO

Session Classification: Top-Electroweak: single top session

Contribution ID: 62

Type: **not specified**

Tevatron searches for single top (CDF)

*Thursday 20 October 2005 17:10 (10 minutes)***Author:** CATALIN CIOBANU (Univ of Illinois, Urbana-Champaign)**Presenter:** CATALIN CIOBANU (Univ of Illinois, Urbana-Champaign)**Session Classification:** Top-Electroweak: single top session

Contribution ID: **63**

Type: **not specified**

Single top production at the LHC

Thursday 20 October 2005 17:20 (20 minutes)

Author: FLORENT CHEVALLIER

Presenter: FLORENT CHEVALLIER

Session Classification: Top-Electroweak: single top session

Contribution ID: **64**

Type: **not specified**

Single Top section of the report: Discussion

Thursday 20 October 2005 17:40 (20 minutes)

Author: ARAN GARCIA BELLIDO

Presenter: ARAN GARCIA BELLIDO

Session Classification: Top-Electroweak: single top session

Contribution ID: 65

Type: **not specified**

Higgs physics

Thursday 20 October 2005 13:30 (15 minutes)

Author: SCOTT WILLENBROCK (UI at Urbana-Champaign)

Presenter: SCOTT WILLENBROCK (UI at Urbana-Champaign)

Session Classification: Higgs

Contribution ID: **66**

Type: **not specified**

WH->lnubb results from D0

Thursday 20 October 2005 17:20 (15 minutes)

Author: HYUNWOO KIM (University of Texas, Arlington)

Presenter: HYUNWOO KIM (University of Texas, Arlington)

Session Classification: Higgs

Contribution ID: 67

Type: **not specified**

ZH->vvbb results from CDF

Thursday 20 October 2005 18:00 (15 minutes)

Author: VIKTOR VESZPREMI (Purdue University)

Presenter: VIKTOR VESZPREMI (Purdue University)

Session Classification: Higgs

Contribution ID: **68**

Type: **not specified**

HZ->nunu bb results from D0

Thursday 20 October 2005 18:20 (15 minutes)

Author: MAKOTO TOMOTO (Fermilab)

Presenter: MAKOTO TOMOTO (Fermilab)

Session Classification: Higgs

Contribution ID: 69

Type: **not specified**

Resummation of a Higgs Boson Produced in Association with a Bottom Quark

Thursday 20 October 2005 14:30 (15 minutes)

Author: BRYAN FIELD (FSU)

Presenter: BRYAN FIELD (FSU)

Session Classification: Higgs

Contribution ID: 70

Type: **not specified**

Updates on Higgs and Dark Matter in the NMSSM

Thursday 20 October 2005 16:00 (15 minutes)

Author: JACK GUNION (UC Davis)

Presenter: JACK GUNION (UC Davis)

Session Classification: Higgs

Contribution ID: 71

Type: **not specified**

H->AA at the Tevatron

Thursday 20 October 2005 16:20 (15 minutes)

Author: GUIYU HUANG (University of Wisconsin, Madison)

Presenter: GUIYU HUANG (University of Wisconsin, Madison)

Session Classification: Higgs

Contribution ID: 72

Type: **not specified**

Higgs production through WBF and gluon fusion at the LHC

Thursday 20 October 2005 16:40 (15 minutes)

Author: FULVIO PICCININI (Pavia)

Presenter: FULVIO PICCININI (Pavia)

Session Classification: Higgs

Contribution ID: 73

Type: **not specified**

Higgs production within SUSY and dynamic symmetry breaking

Thursday 20 October 2005 13:50 (15 minutes)

Author: SASHA BELYAEV (MSU)

Presenter: SASHA BELYAEV (MSU)

Session Classification: Higgs

Contribution ID: 74

Type: **not specified**

MSSM Higgs production with bottom quarks

Thursday 20 October 2005 14:10 (15 minutes)

Author: CHRIS JACKSON (BNL)

Presenter: CHRIS JACKSON (BNL)

Session Classification: Higgs

Contribution ID: 75

Type: **not specified**

Resummation for Higgs production in heavy flavor fusion processes

Thursday 20 October 2005 14:50 (15 minutes)

Author: PAVEL NADOLSKY (Argonne)

Presenter: PAVEL NADOLSKY (Argonne)

Session Classification: Higgs

Contribution ID: 76

Type: **not specified**

Inclusive production of a Z boson in association with heavy quarks

Thursday 20 October 2005 15:10 (15 minutes)

Author: TOM MCELMURRY (UI at Urbana-Champaign)

Presenter: TOM MCELMURRY (UI at Urbana-Champaign)

Session Classification: Higgs

Contribution ID: 77

Type: **not specified**

WH->lnubb results from CDF

Thursday 20 October 2005 17:00 (15 minutes)

Author: JASON NIELSEN (LBNL)

Presenter: JASON NIELSEN (LBNL)

Session Classification: Higgs