

TeV4LHC, CERN meeting

Report of Contributions

Contribution ID: 1

Type: **not specified**

Tevatron commissioning and interaction with experiments

Thursday 28 April 2005 09:00 (30 minutes)

Primary author: SPALDING, J (FNAL)

Presenter: SPALDING, J (FNAL)

Session Classification: The Tevatron Commissioning experience

Contribution ID: 2

Type: **not specified**

Physics commissioning at CDF

Thursday 28 April 2005 09:30 (40 minutes)

Understanding of triggers and of physics objects: jets, photons, tracks, b's, etc

Primary author: TONY LISS

Presenter: TONY LISS

Session Classification: The Tevatron Commissioning experience

Contribution ID: 3

Type: **not specified**

Physics commissioning at D0

Thursday 28 April 2005 10:10 (40 minutes)

Primary author: KRISTIAN HARDER

Presenter: KRISTIAN HARDER

Session Classification: The Tevatron Commissioning experience

Contribution ID: 4

Type: **not specified**

Computing and offline at CDF

Thursday 28 April 2005 11:10 (30 minutes)

Includes grid-like production experiences, event data models, users' feedback, etc

Primary author: STEFANO BELFORTE

Presenter: STEFANO BELFORTE

Session Classification: The Tevatron Commissioning experience

Contribution ID: 5

Type: **not specified**

Computing and offline at D0

Thursday 28 April 2005 11:40 (30 minutes)

Primary author: AMBER BOEHNLEIN

Presenter: AMBER BOEHNLEIN

Session Classification: The Tevatron Commissioning experience

Contribution ID: 6

Type: **not specified**

Welcome

Thursday 28 April 2005 08:50 (10 minutes)

Session Classification: The Tevatron Commissioning experience

Contribution ID: 7

Type: **not specified**

LHC commissioning and interaction with the experiments

Saturday 30 April 2005 09:00 (30 minutes)

Primary author: MIKE LAMONT (CERN)

Presenter: MIKE LAMONT (CERN)

Session Classification: LHC machine commissioning

Contribution ID: 8

Type: **not specified**

QCD WG

Saturday 30 April 2005 11:00 (30 minutes)

Primary author: JOEY HUSTON (Michigan State University)

Presenter: JOEY HUSTON (Michigan State University)

Session Classification: WG Summaries

Contribution ID: 9

Type: **not specified**

Top & EW WG

Saturday 30 April 2005 11:30 (30 minutes)

Primary author: DOREEN WACKEROTH (SUNY at Buffalo)

Presenter: DOREEN WACKEROTH (SUNY at Buffalo)

Session Classification: WG Summaries

Contribution ID: **10**

Type: **not specified**

Higgs

Saturday 30 April 2005 12:00 (30 minutes)

Primary author: AARON DOMINGUEZ (University of Nebraska – Lincoln)

Presenter: AARON DOMINGUEZ (University of Nebraska – Lincoln)

Session Classification: WG Summaries

Contribution ID: **11**

Type: **not specified**

Landscape

Saturday 30 April 2005 12:30 (30 minutes)

Primary author: VOLKER BUESCHER (Freiburg)

Presenter: VOLKER BUESCHER (Freiburg)

Session Classification: WG Summaries

Contribution ID: **12**

Type: **not specified**

The Final Meeting

Saturday 30 April 2005 13:00 (15 minutes)

Primary author: STEPHEN MRENNA (Fermilab)

Presenter: STEPHEN MRENNA (Fermilab)

Session Classification: WG Summaries

Contribution ID: **13**

Type: **not specified**

Latest physics results from CDF

Thursday 28 April 2005 13:30 (30 minutes)

Primary author: JOEY HUSTON

Presenter: JOEY HUSTON

Session Classification: Tevatron results

Contribution ID: **14**

Type: **not specified**

Latest physics results from D0

Thursday 28 April 2005 14:00 (30 minutes)

Primary author: DANIEL BLOCH (IReS Strasbourg)

Presenter: DANIEL BLOCH (IReS Strasbourg)

Session Classification: Tevatron results

Contribution ID: 15

Type: **not specified**

LHCb: Detector status and physics program

Saturday 30 April 2005 09:30 (30 minutes)

Primary author: NAKADA, T.

Presenter: NAKADA, T.

Session Classification: LHC preparation

Contribution ID: 16

Type: **not specified**

The ALICE proton-proton physics programme and the commissioning of LHC

Saturday 30 April 2005 10:00 (30 minutes)

Primary author: J.P. REVOL

Presenter: J.P. REVOL

Session Classification: LHC preparation

Contribution ID: 17

Type: **not specified**

Distinguishing Z' models in ATLAS

Friday 29 April 2005 16:30 (25 minutes)

Primary author: BENJAMIN TROCME (Grenoble)

Presenter: BENJAMIN TROCME (Grenoble)

Session Classification: Landscape WG, part III

Contribution ID: **18**

Type: **not specified**

Discussion

Friday 29 April 2005 17:00 (1 hour)

Session Classification: Landscape WG, part III

Contribution ID: **19**

Type: **not specified**

ATLAS: detector status, test beams and plans for commissioning

Thursday 28 April 2005 14:30 (30 minutes)

Primary author: G. MORNACCHI (CERN)

Presenter: G. MORNACCHI (CERN)

Session Classification: LHC preparations

Contribution ID: **20**

Type: **not specified**

CMS: detector status, test beams and plans for commissioning

Thursday 28 April 2005 15:00 (30 minutes)

Primary author: MIKA HUHTINEN (CERN)

Presenter: MIKA HUHTINEN (CERN)

Session Classification: LHC preparations

Contribution ID: **21**

Type: **not specified**

Physics commissioning in CMS

Thursday 28 April 2005 16:00 (40 minutes)

Includes computing/offline/prospects for early analyses

Primary author: OLIVER BUCHMULLER (CERN)

Presenter: OLIVER BUCHMULLER (CERN)

Session Classification: LHC preparations

Contribution ID: 22

Type: **not specified**

Physics commissioning in ATLAS

Thursday 28 April 2005 16:40 (40 minutes)

Primary author: DAN TOVEY (Sheffield)

Presenter: DAN TOVEY (Sheffield)

Session Classification: LHC preparations

Contribution ID: **23**

Type: **not specified**

TOTEM: status and physics programme

Thursday 28 April 2005 17:30 (30 minutes)

Primary author: VALENTINA AVATI (Univ. of Helsinki)

Presenter: VALENTINA AVATI (Univ. of Helsinki)

Session Classification: LHC preparations

Contribution ID: 24

Type: **not specified**

Summary of HERA/LHC workshop and prospects

Thursday 28 April 2005 18:00 (30 minutes)

Primary author: ALBERT DE ROECK (CERN-PH/EP)

Presenter: ALBERT DE ROECK (CERN-PH/EP)

Session Classification: LHC preparations

Contribution ID: 25

Type: **not specified**

Jet measurements at the Tevatron: the story so far

Friday 29 April 2005 09:00 (30 minutes)

Primary author: J. HUSTON (Michigan State University)

Presenter: J. HUSTON (Michigan State University)

Session Classification: QCD WG, part I

Contribution ID: 26

Type: **not specified**

Properties of the Run II cone algorithm at D0

Friday 29 April 2005 09:30 (30 minutes)

Primary author: Z. HUBACEK (Czech Technical University)

Presenter: Z. HUBACEK (Czech Technical University)

Session Classification: QCD WG, part I

Contribution ID: 27

Type: **not specified**

fastNLO: fast calculations of NLO cross sections

Friday 29 April 2005 11:10 (30 minutes)

Primary author: KLAUS RABBERTZ (Univ. Karlsruhe)

Presenter: KLAUS RABBERTZ (Univ. Karlsruhe)

Session Classification: QCD WG, part I

Contribution ID: **28**

Type: **not specified**

Multiple Interactions, Sherpa results vs. Tevatron data

Friday 29 April 2005 10:00 (30 minutes)

Primary author: S. HOECHE (TU Dresden)

Presenter: S. HOECHE (TU Dresden)

Session Classification: QCD WG, part I

Contribution ID: **29**

Type: **not specified**

Discussion

Friday 29 April 2005 10:30 (20 minutes)

Primary author: ALL

Presenter: ALL

Session Classification: QCD WG, part I

Contribution ID: **30**

Type: **not specified**

Towards a new type of QCD ISR parton shower MC

Friday 29 April 2005 11:40 (15 minutes)

Primary author: S JADACH (Krakow)

Presenter: S JADACH (Krakow)

Session Classification: QCD WG, part I

Contribution ID: **31**

Type: **not specified**

Prospect for precision measurements of single-top cross sections with ATLAS

Friday 29 April 2005 08:50 (30 minutes)

Primary author: LUCOTTE, A. (LPSC Grenoble)

Presenter: LUCOTTE, A. (LPSC Grenoble)

Session Classification: Top & EW WG, part I

Contribution ID: 32

Type: **not specified**

Small-x and heavy quark effects in Z/W/H production at Tevatron and LHC

Friday 29 April 2005 11:50 (30 minutes)

Primary author: BERGE, S. (Southern Methodist University)

Presenter: BERGE, S. (Southern Methodist University)

Session Classification: Top & EW WG, part I

Contribution ID: **33**

Type: **not specified**

Discussion

Friday 29 April 2005 12:20 (20 minutes)

Primary author: ALL

Presenter: ALL

Session Classification: Top & EW WG, part I

Contribution ID: **34**

Type: **not specified**

Top quark studies at CMS

Friday 29 April 2005 10:20 (30 minutes)

Primary author: GIAMMANCO, A. (INFN-Pisa)

Presenter: GIAMMANCO, A. (INFN-Pisa)

Session Classification: Top & EW WG, part I

Contribution ID: **35**

Type: **not specified**

Status of WINHAC

Friday 29 April 2005 11:40 (10 minutes)

Primary author: SKRZYPEK, M. (CERN & Krakow, INP)

Presenter: SKRZYPEK, M. (CERN & Krakow, INP)

Session Classification: Top & EW WG, part I

Contribution ID: 36

Type: **not specified**

Search for Single Top Quark Production at the Tevatron

Friday 29 April 2005 09:20 (30 minutes)

Primary author: GARCIA-BELLIDO, A. (University of Washington)

Presenter: GARCIA-BELLIDO, A. (University of Washington)

Session Classification: Top & EW WG, part I

Contribution ID: 37

Type: **not specified**

Using Charge Asymmetries to Measure LHC Single Top Quark Production

Friday 29 April 2005 09:50 (30 minutes)

Primary author: BOWEN, M. (University of Washington)

Presenter: BOWEN, M. (University of Washington)

Session Classification: Top & EW WG, part I

Contribution ID: **38**

Type: **not specified**

Recent developments on PHOTOS

Friday 29 April 2005 11:10 (30 minutes)

Primary author: GOLONKA, P. (CERN & Institute of Nuclear Physics (Krakow))

Presenter: GOLONKA, P. (CERN & Institute of Nuclear Physics (Krakow))

Session Classification: Top & EW WG, part I

Contribution ID: 39

Type: **not specified**

Update on ALPGEN

Friday 29 April 2005 14:00 (30 minutes)

Primary author: MANGANO, M. (CERN)

Presenter: MANGANO, M. (CERN)

Session Classification: QCD and Top & EW WG, part II

Contribution ID: 40

Type: **not specified**

Report on PYTHIA 8 and parton showering in PYTHIA 6.3

Friday 29 April 2005 14:30 (30 minutes)

Primary author: T. SJOSTRAND (CERN/Lund University)

Presenter: T. SJOSTRAND (CERN/Lund University)

Session Classification: QCD and Top & EW WG, part II

Contribution ID: 41

Type: **not specified**

W + jets at the Tevatron: the story so far

Friday 29 April 2005 15:00 (30 minutes)

Primary author: S. MRENNA (Fermilab)

Presenter: S. MRENNA (Fermilab)

Session Classification: QCD and Top & EW WG, part II

Contribution ID: 42

Type: **not specified**

W/Z + jets at D0

Friday 29 April 2005 16:30 (30 minutes)

Primary author: A. KHARCHILAVA (Notre Dame U..)

Presenter: A. KHARCHILAVA (Notre Dame U..)

Session Classification: QCD and Top & EW WG, part II

Contribution ID: 43

Type: **not specified**

MC@NLO: recent activity and future plans

Friday 29 April 2005 18:00 (30 minutes)

Primary author: S. FRIXIONE (Genoa)

Presenter: S. FRIXIONE (Genoa)

Session Classification: QCD and Top & EW WG, part II

Contribution ID: 44

Type: **not specified**

Simulation jet and W/Z+jets production with SHERPA

Friday 29 April 2005 15:30 (30 minutes)

Primary author: GLEISBERG, T. (TU Dresden)

Presenter: GLEISBERG, T. (TU Dresden)

Session Classification: QCD and Top & EW WG, part II

Contribution ID: 45

Type: **not specified**

$t\bar{t}+j$ at NLO

Friday 29 April 2005 17:00 (30 minutes)

Primary author: UWER, P. (CERN)

Presenter: UWER, P. (CERN)

Session Classification: QCD and Top & EW WG, part II

Contribution ID: 46

Type: **not specified**

ATLAS sensitivity to W polarization and top spin correlation in $t\bar{t}$ events

Friday 29 April 2005 17:30 (30 minutes)

Primary author: HUBAUT, F. (CPPM Marseille)

Presenter: HUBAUT, F. (CPPM Marseille)

Session Classification: QCD and Top & EW WG, part II

Contribution ID: 47

Type: **not specified**

Z- \rightarrow bb at CDF

Friday 29 April 2005 09:55 (25 minutes)

Primary author: JULIEN DONINI

Presenter: JULIEN DONINI

Session Classification: Higgs WG, part I

Contribution ID: **48**

Type: **not specified**

Discussion

Friday 29 April 2005 12:05 (25 minutes)

Session Classification: Higgs WG, part I

Contribution ID: 49

Type: **not specified**

H->WW->lnulnu

Friday 29 April 2005 11:35 (25 minutes)

Primary author: BILL QUAYLE

Presenter: BILL QUAYLE

Session Classification: Higgs WG, part I

Contribution ID: **50**

Type: **not specified**

Recent results on SM Higgs searches at Tevatron

Friday 29 April 2005 11:00 (30 minutes)

Primary author: GREGORIO BERNARDI

Presenter: GREGORIO BERNARDI

Session Classification: Higgs WG, part I

Contribution ID: 51

Type: **not specified**

Inclusive production of Higgs and Z bosons with heavy quarks

Friday 29 April 2005 09:00 (20 minutes)

Primary author: FABIO MALTONI (CERN)

Presenter: FABIO MALTONI (CERN)

Session Classification: Higgs WG, part I

Contribution ID: 52

Type: **not specified**

Impact of Higgs width at large $\tan\beta$ on bbh searches

Friday 29 April 2005 09:25 (25 minutes)

Primary author: MARINE MICHAUT

Presenter: MARINE MICHAUT

Session Classification: Higgs WG, part I

Contribution ID: 53

Type: **not specified**

SUSY searches: where Tevatron may help LHC analyses

Friday 29 April 2005 09:00 (25 minutes)

Primary author: SABINE KRAML (CERN)

Presenter: SABINE KRAML (CERN)

Session Classification: Landscape WG, part I

Contribution ID: 54

Type: **not specified**

PROSPINO and Leptoquarks: From Tev. to TeV

Friday 29 April 2005 10:00 (25 minutes)

Primary author: MICHAEL SPIRA (PSI)

Presenter: MICHAEL SPIRA (PSI)

Session Classification: Landscape WG, part I

Contribution ID: 55

Type: **not specified**

Discussion

Friday 29 April 2005 12:10 (20 minutes)

Session Classification: Landscape WG, part I

Contribution ID: 56

Type: **not specified**

Studies of V+jets backgrounds to SUSY searches

Friday 29 April 2005 09:30 (25 minutes)

Primary author: SHOJI ASAI (Tokyo)

Presenter: SHOJI ASAI (Tokyo)

Session Classification: Landscape WG, part I

Contribution ID: 57

Type: **not specified**

discussion

Friday 29 April 2005 10:30 (20 minutes)

Session Classification: Landscape WG, part I

Contribution ID: 58

Type: **not specified**

SFITTER

Friday 29 April 2005 11:40 (20 minutes)

Primary author: DIRK ZERWAS (Orsay)

Presenter: DIRK ZERWAS (Orsay)

Session Classification: Landscape WG, part I

Contribution ID: 59

Type: **not specified**

Same-sign dimuon SUSY search at CMS

Friday 29 April 2005 11:10 (25 minutes)

Primary author: ALEXEY DROZDETSKIY

Presenter: ALEXEY DROZDETSKIY

Session Classification: Landscape WG, part I

Contribution ID: **60**

Type: **not specified**

What can the Tevatron do to help the Higgs searches at the LHC

Friday 29 April 2005 14:00 (25 minutes)

Primary author: SVEN HEINEMEYER (CERN)

Presenter: SVEN HEINEMEYER (CERN)

Session Classification: Higgs and Landscape, part II

Contribution ID: **61**

Type: **not specified**

Discussion

Friday 29 April 2005 15:30 (30 minutes)

Session Classification: Higgs and Landscape, part II

Contribution ID: 62

Type: **not specified**

Results of the search for SUSY Higgs at D0, and future prospects

Friday 29 April 2005 14:30 (25 minutes)

Primary author: ANDY HAAS (Univ. of Washington)

Presenter: ANDY HAAS (Univ. of Washington)

Session Classification: Higgs and Landscape, part II

Contribution ID: **63**

Type: **not specified**

Identification of tau-leptons in ATLAS and D0

Friday 29 April 2005 15:00 (25 minutes)

Primary author: MICHAEL HELDMANN (Freiburg)

Presenter: MICHAEL HELDMANN (Freiburg)

Session Classification: Higgs and Landscape, part II