

**Aspen Winter 2009 -
Workshop on Physics at the
LHC era**

Report of Contributions

Contribution ID: 5

Type: **not specified**

The window to the Terascale

Monday, 9 February 2009 08:00 (30 minutes)

Primary author: THALER, Jesse (UC Berkeley)

Presenter: THALER, Jesse (UC Berkeley)

Session Classification: Monday Morning Session

Contribution ID: 6

Type: **not specified**

Status of the LHC

Monday, 9 February 2009 08:30 (30 minutes)

Presenter: BAILEY, Roger (CERN)

Session Classification: Monday Morning Session

Contribution ID: 7

Type: **not specified**

The ATLAS detector it's Commissioning without Beam

Monday, 9 February 2009 09:45 (20 minutes)

Primary author: DUBBERT, Joerg (MPI Munich)

Presenter: DUBBERT, Joerg (MPI Munich)

Session Classification: Monday Morning Session

Contribution ID: 8

Type: **not specified**

The CMS detector it's Commissioning without Beam

Monday, 9 February 2009 10:05 (20 minutes)

Presenter: MAESHIMA, Kaori (Fermi National Accelerator Laboratory)

Session Classification: Monday Morning Session

Contribution ID: 9

Type: **not specified**

The first LHC beam in ATLAS

Monday, 9 February 2009 18:10 (20 minutes)

Primary author: KRIEGER, Peter (University of Toronto)

Presenter: KRIEGER, Peter (University of Toronto)

Session Classification: Monday Afternoon Session

Contribution ID: **10**

Type: **not specified**

The first LHC beam in CMS

Monday, 9 February 2009 18:30 (20 minutes)

Presenter: CHAMIZO LLATAS, Maria (CIEMAT)

Session Classification: Monday Afternoon Session

Contribution ID: 12

Type: **not specified**

Electroweak Measurements at the Tevatron

Monday, 9 February 2009 18:50 (30 minutes)

Presenter: MURAT, Pavel (Fermi National Accelerator Laboratory)

Session Classification: Monday Afternoon Session

Contribution ID: 13

Type: **not specified**

Prospects for Electroweak Measurements at the LHC

Tuesday, 10 February 2009 18:55 (25 minutes)

Presenter: NEUMEISTER, Norbert (Purdue University)

Session Classification: Tuesday Afternoon Session

Contribution ID: 14

Type: **not specified**

Measurements of Inclusive Jets and photon/W/Z+jets at the Tevatron

Monday, 9 February 2009 16:30 (30 minutes)

Presenter: MARTINEZ-PEREZ, Mario (IFAE Barcelona)

Session Classification: Monday Afternoon Session

Contribution ID: 15

Type: **not specified**

Theoretical Understanding of QCD at Hadron Colliders

Monday, 9 February 2009 17:25 (25 minutes)

Primary author: Dr SKANDS, Peter (FNAL)

Presenter: SKANDS, Peter (Fermi National Accelerator Laboratory)

Session Classification: Monday Afternoon Session

Contribution ID: 16

Type: **not specified**

Top Quark Measurements at the Tevatron

Tuesday, 10 February 2009 08:25 (30 minutes)

Presenter: YE, Zhenyu (Fermilab)

Session Classification: Tuesday Morning Session

Contribution ID: **18**

Type: **not specified**

Searches for a Low Mass Higgs Boson at the Tevatron

Tuesday, 10 February 2009 10:00 (20 minutes)

Primary author: ZIVKOVIC, Lidija (Physics Dept., Pupin Physics Lab.-Columbia University-Unknown)

Presenter: ZIVKOVIC, Lidija (Columbia University)

Session Classification: Tuesday Morning Session

Contribution ID: 21

Type: **not specified**

Prospects for Top Quark Physics at the LHC

Tuesday, 10 February 2009 08:55 (25 minutes)

Primary author: HOLLOWAY-ARCE, Ayana (Lawrence Berkeley National Lab)

Presenter: HOLLOWAY-ARCE, Ayana (Lawrence Berkeley National Lab)

Session Classification: Tuesday Morning Session

Contribution ID: 22

Type: **not specified**

Searches for Supersymmetry at the Tevatron

Tuesday, 10 February 2009 16:55 (25 minutes)

Presenter: EADS, Mike (University of Nebraska)

Session Classification: Tuesday Afternoon Session

Contribution ID: 23

Type: **not specified**

Prospects for SUSY Searches at the LHC

Tuesday, 10 February 2009 17:20 (25 minutes)

Presenter: BOYD, James (CERN)

Session Classification: Tuesday Afternoon Session

Contribution ID: 24

Type: **not specified**

SUSY Theory Talk

Tuesday, 10 February 2009 16:30 (25 minutes)

Presenter: PLEHN, Tilman (Heidelberg University)

Session Classification: Tuesday Afternoon Session

Contribution ID: 25

Type: **not specified**

Searches for Exotic Phenomena at the Tevatron

Wednesday, 11 February 2009 08:25 (25 minutes)

Presenter: PRANKO, Sasha (Fermi National Accelerator Laboratory)

Session Classification: Wednesday Morning Session

Contribution ID: 26

Type: **not specified**

Prospects for Searches for Exotic Phenomena at the LHC

Wednesday, 11 February 2009 10:15 (20 minutes)

Presenter: CLERBAUX, Barbara (Bruxelles University)

Session Classification: Wednesday Morning Session

Contribution ID: 27

Type: **not specified**

Models of TeV-scale Physics

Wednesday, 11 February 2009 08:00 (25 minutes)

Primary author: CSAKI, Csaba (Cornell)

Presenter: CSAKI, Csaba (Cornell)

Session Classification: Wednesday Morning Session

Contribution ID: 28

Type: **not specified**

UnHiggs

Wednesday, 11 February 2009 08:50 (25 minutes)

Primary author: TERNING, John (UC Davis)

Presenter: TERNING, John (UC Davis)

Session Classification: Wednesday Morning Session

Contribution ID: 29

Type: **not specified**

Little Higgs and other extensions of the EWSB sector

Wednesday, 11 February 2009 09:45 (30 minutes)

Primary author: SKIBA, Witold (Yale University)

Presenter: SKIBA, Witold (Yale University)

Session Classification: Wednesday Morning Session

Contribution ID: **30**

Type: **not specified**

Flavor Physics at the Tevatron

Thursday, 12 February 2009 09:00 (30 minutes)

Presenter: JESIK, Rick (Imperial College, London)

Session Classification: Thursday Morning Session

Contribution ID: 31

Type: **not specified**

New results in charmless hadronic B decays from BaBar

Thursday, 12 February 2009 08:00 (30 minutes)

Primary author: GRAHAM, Matt (SLAC)

Presenter: GRAHAM, Matt (SLAC)

Session Classification: Thursday Morning Session

Contribution ID: **32**

Type: **not specified**

Flavor Physics at Belle

Thursday, 12 February 2009 08:30 (30 minutes)

Primary author: BROWDER, Tom (Hawaii)

Presenter: BROWDER, Tom (Hawaii)

Session Classification: Thursday Morning Session

Contribution ID: 33

Type: **not specified**

New Results from CLEO-c

Thursday, 12 February 2009 16:55 (30 minutes)

Primary author: SHIPSEY, Ian (Purdue)

Presenter: SHIPSEY, Ian (Purdue)

Session Classification: Thursday Afternoon Session

Contribution ID: 35

Type: **not specified**

B physics

Primary author: ZUPAN, Jure (University of Ljubljana)

Presenter: ZUPAN, Jure (University of Ljubljana)

Contribution ID: 36

Type: **not specified**

Strong and Weak CP in R-Symmetric SUSY

Thursday, 12 February 2009 16:30 (25 minutes)

Primary author: KAGAN, Alex (Cincinnati University)

Presenter: KAGAN, Alex (Cincinnati University)

Session Classification: Thursday Afternoon Session

Contribution ID: 37

Type: **not specified**

Flavor and New Physics

Wednesday, 11 February 2009 10:35 (25 minutes)

Primary author: WEILER, Andreas (Cornell University)

Presenter: WEILER, Andreas (Cornell University)

Session Classification: Wednesday Morning Session

Contribution ID: **38**

Type: **not specified**

Lattice QCD Calculations

Thursday, 12 February 2009 09:50 (25 minutes)

Primary author: KRONFELD, Andreas (Fermilab)

Presenter: KRONFELD, Andreas (Fermilab)

Session Classification: Thursday Morning Session

Contribution ID: 39

Type: **not specified**

Current Status and Prospects for Measuring Theta_13

Friday, 13 February 2009 09:00 (30 minutes)

Primary author: WINSLOW, Lindley (Lawrence Berkeley National Lab)

Presenter: WINSLOW, Lindley (Lawrence Berkeley National Lab)

Session Classification: Friday Morning Session

Contribution ID: 40

Type: **not specified**

Neutrino Physics theory

Friday, 13 February 2009 08:00 (30 minutes)

Primary author: DE GOUVEA, Andre (Northwestern)

Presenter: DE GOUVEA, Andre (Northwestern)

Session Classification: Friday Morning Session

Contribution ID: 41

Type: **not specified**

Cosmic Microwave Background

Thursday, 12 February 2009 10:40 (25 minutes)

Presenter: DODELSON, Scott (FNAL and U Chicago)

Session Classification: Thursday Morning Session

Contribution ID: 42

Type: **not specified**

Theory View on Dark Matter

Friday, 13 February 2009 09:50 (30 minutes)

Primary author: WEINER, Neal (New York University)

Presenter: WEINER, Neal (New York University)

Session Classification: Friday Morning Session

Contribution ID: 43

Type: **not specified**

Borexino Results

Friday, 13 February 2009 08:30 (30 minutes)

Primary author: GALBIATI, Cristiano (Princeton)

Presenter: GALBIATI, Cristiano (Princeton)

Session Classification: Friday Morning Session

Contribution ID: 45

Type: **not specified**

Conference Summary: Experimental View

Saturday, 14 February 2009 08:00 (40 minutes)

Primary author: HEINEMANN, Beate

Presenter: HEINEMANN, Beate (UC Berkeley and LBNL)

Session Classification: Saturday Morning Session

Contribution ID: 46

Type: **not specified**

Conference Summary: Theoretical View

Saturday, 14 February 2009 08:40 (40 minutes)

Primary author: TERNING, John (UC Davis)

Presenter: TERNING, John (UC Davis)

Session Classification: Saturday Morning Session

Contribution ID: 47

Type: **not specified**

Prospects for QCD Physics at the LHC

Monday, 9 February 2009 17:00 (25 minutes)

Presenter: DUNFORD, Monica (University of Chicago)

Session Classification: Monday Afternoon Session

Contribution ID: 48

Type: **not specified**

Public Lecture: The Large Hadron Collider

Wednesday, 11 February 2009 17:30 (1 hour)

Presenter: BAILEY, Roger (CERN)

Contribution ID: 49

Type: **not specified**

Theoretical View of Top Quark Production

Tuesday, 10 February 2009 18:05 (25 minutes)

Presenter: TAIT, Tim (Argonne and Northwestern)

Session Classification: Tuesday Afternoon Session

Contribution ID: 50

Type: **not specified**

Electroweak Precision Data

Tuesday, 10 February 2009 18:30 (25 minutes)

Primary author: ERLER, Jens (Universidad Autonoma de Mexico)

Presenter: ERLER, Jens (Universidad Autonoma de Mexico)

Session Classification: Tuesday Afternoon Session

Contribution ID: 51

Type: **not specified**

Searches for a High Mass Higgs Boson at the Tevatron

Tuesday, 10 February 2009 09:40 (20 minutes)

Presenter: PURSLEY, Jennifer (University of Wisconsin)

Session Classification: Tuesday Morning Session

Contribution ID: 53

Type: **not specified**

Prospects for Flavor Physics at the ATLAS and CMS

Thursday, 12 February 2009 18:10 (20 minutes)

Presenter: BAARMAND, Marc (Florida Institute of Technology)

Session Classification: Thursday Afternoon Session

Contribution ID: 54

Type: **not specified**

Flavor physics in a warped extra dimension

Thursday, 12 February 2009 10:15 (25 minutes)

Presenter: NEUBERT, Matthias (Johannes-Gutenberg Universitaet Mainz)

Session Classification: Thursday Morning Session

Contribution ID: 55

Type: **not specified**

Status of LHCb

Monday, 9 February 2009 09:00 (25 minutes)

Presenter: JACOBSSON, Richard (CERN)

Session Classification: Monday Morning Session

Contribution ID: 56

Type: **not specified**

Flavor Physics at LHCb

Thursday, 12 February 2009 17:25 (25 minutes)

Presenter: MINARD, Marie-Noelle (Annecy/IN2P3)

Session Classification: Thursday Afternoon Session

Contribution ID: 57

Type: **not specified**

Electroweak Precision Data

Contribution ID: 58

Type: **not specified**

Prospects for Higgs Boson Searches at the LHC

Tuesday, 10 February 2009 10:20 (20 minutes)

Presenter: WENG, Joanna (ETH Zuerich)

Session Classification: Tuesday Morning Session

Contribution ID: 59

Type: **not specified**

PAMELA

Friday, 13 February 2009 17:00 (30 minutes)

Primary author: CASOLINO, Marco (Roma2 INFN)

Presenter: CASOLINO, Marco (Roma2 INFN)

Session Classification: Friday Afternoon Session

Contribution ID: **60**

Type: **not specified**

WMAP

Friday, 13 February 2009 16:30 (30 minutes)

Primary author: GOLD, Ben (Johns Hopkins University)

Presenter: GOLD, Ben (Johns Hopkins University)

Session Classification: Friday Afternoon Session

Contribution ID: 62

Type: **not specified**

Superb Prospects: Belle and KEKB Upgrades

Thursday, 12 February 2009 18:30 (25 minutes)

Primary author: KINOSHITA, Kay (Cincinnati University)

Presenter: KINOSHITA, Kay (Cincinnati University)

Session Classification: Thursday Afternoon Session

Contribution ID: 63

Type: **not specified**

Searches for new physics in Bottomonium decays at BaBar

Thursday, 12 February 2009 18:55 (30 minutes)

Primary author: FLOOD, Kevin (Winsconsin)

Presenter: FLOOD, Kevin (Winsconsin)

Session Classification: Thursday Afternoon Session

Contribution ID: 64

Type: **not specified**

Dark Matter Sees the Light

Friday, 13 February 2009 17:30 (25 minutes)

Primary author: VOLANSKY, Tomer (IAS)

Presenter: VOLANSKY, Tomer (IAS)

Session Classification: Friday Afternoon Session

Contribution ID: 65

Type: **not specified**

Dynamical EWSB in Warped ED and collider phenomenology

Friday, 13 February 2009 18:15 (25 minutes)

Primary author: CARENA, Marcela (FNAL)

Presenter: CARENA, Marcela (FNAL)

Session Classification: Friday Afternoon Session

Contribution ID: **66**

Type: **not specified**

Collider physics application of SCET

Friday, 13 February 2009 10:20 (30 minutes)

Presenter: BECHER, Thomas

Session Classification: Friday Morning Session

Contribution ID: 67

Type: **not specified**

Interplay of B physics, Higgs searches and Dark matter searches

Tuesday, 10 February 2009 08:00 (25 minutes)

Presenter: WAGNER, Carlos (ANL and U Chicago)

Session Classification: Tuesday Morning Session

Contribution ID: **68**

Type: **not specified**

Measuring the Dark Force at the LHC

Friday, 13 February 2009 18:40 (20 minutes)

Presenter: BAI, Yang (Fermilab)

Session Classification: Friday Afternoon Session

Contribution ID: **69**

Type: **not specified**

Heavy Ion Physics at ATLAS and CMS

Monday, 9 February 2009 10:25 (20 minutes)

Presenter: ROSATI, Marzia (Iowa University)

Session Classification: Monday Morning Session