

**Collider Physics 2009: Joint
Argonne & IIT Theory
Institute**

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome

Monday, 18 May 2009 09:00 (15 minutes)

Presenter: WEERTS, Harry (Argonne National Laboratory)

Contribution ID: 1

Type: **not specified**

Higgs Boson Searches at the Tevatron

Monday, 18 May 2009 09:15 (30 minutes)

Presenter: HERNDON, Matthew (University of Wisconsin - Madison)

Contribution ID: 2

Type: **not specified**

Global Search for New Physics in 2.0 fb^{-1} of p-pbar Collisions at $\sqrt{s} = 1.96 \text{ TeV}$

Monday, 18 May 2009 10:00 (30 minutes)

Presenter: MRENNNA, Steve (Fermilab)

Contribution ID: 3

Type: **not specified**

Merging NLO Calculations with Parton Showers

Monday, 18 May 2009 11:15 (30 minutes)

Presenter: BAUER, Christian (LBL)

Contribution ID: 4

Type: **not specified**

Gaps Between Jets at the LHC

Monday, 18 May 2009 13:30 (30 minutes)

Presenter: MARZANI, Simone (University of Manchester)

Contribution ID: 5

Type: **not specified**

Z' Bosons On and Off the Resonance Peak

Monday, 18 May 2009 14:15 (30 minutes)

Presenter: QUACKENBUSH, Seth (University of Wisconsin - Madison)

Contribution ID: 6

Type: **not specified**

Family Non-Universal U(1)' Gauge Symmetries and b to s Transitions

Monday, 18 May 2009 15:30 (30 minutes)

Presenter: LIU, Tao (University of Chicago)

Contribution ID: 7

Type: **not specified**

Phenomenology of Scalar Sequestering

Monday, 18 May 2009 16:15 (30 minutes)

Presenter: ROY, Tuhin (University of Oregon)

Contribution ID: **8**

Type: **not specified**

MSSM Higgs Searches at the Tevatron

Monday, 18 May 2009 17:00 (20 minutes)

Presenter: DRAPER, Patrick (University of Chicago)

Contribution ID: 9

Type: **not specified**

The WIMP Forest

Tuesday, 19 May 2009 09:15 (30 minutes)

Presenter: JACKSON, Chris (Argonne National Laboratory)

Contribution ID: **10**

Type: **not specified**

Gauge Mediation Signatures without SUSY

Tuesday, 19 May 2009 10:00 (30 minutes)

Presenter: HUBISZ, Jay (Syracuse University)

Contribution ID: 11

Type: **not specified**

Mass and Spin Measurements in Events with Missing Energy

Tuesday, 19 May 2009 11:15 (30 minutes)

Presenter: HAN, Zhenyu (UC - Davis)

Contribution ID: 12

Type: **not specified**

SUSY without Prejudice at the LHC

Tuesday, 19 May 2009 13:30 (30 minutes)

Presenter: GAINER, Jamie (SLAC/Stanford University)

Contribution ID: 13

Type: **not specified**

The Inert Higgs Doublet Model: Dark Matter Implication and Collider Phenomenology

Tuesday, 19 May 2009 14:15 (30 minutes)

Presenter: SU, Shufang (University of Arizona)

Contribution ID: 14

Type: **not specified**

A Heavy Higgs and a Light Sneutrino NLSP in the MSSM with Enhanced SU(2) D-terms

Tuesday, 19 May 2009 15:30 (30 minutes)

Presenter: MEDINA, Anibal (UC - Davis)

Contribution ID: 15

Type: **not specified**

Leptonic Higgs Portal to the Dark Side

Tuesday, 19 May 2009 16:15 (30 minutes)

Presenter: GOH, Hock Seng (UC - Berkeley)

Contribution ID: **16**

Type: **not specified**

Manifestations of Top Compositeness

Tuesday, 19 May 2009 17:00 (20 minutes)

Presenter: MORALES, Roberto Vega (Northwestern University)

Contribution ID: 17

Type: **not specified**

Jets at the LHC: Looking Forward and Backward

Wednesday, 20 May 2009 09:00 (30 minutes)

Presenter: ELLIS, Steve (University of Washington)

Contribution ID: **18**

Type: **not specified**

Testing Our Expectations with the First ATLAS Data

Wednesday, 20 May 2009 09:45 (30 minutes)

Presenter: LCOMPTE, Tom (Argonne National Laboratory)

Contribution ID: **19**

Type: **not specified**

Discovery Physics with the First LHC Data

Wednesday, 20 May 2009 11:00 (30 minutes)

Presenter: TAIT, Tim (Argonne National Laboratory - Northwestern University)

Contribution ID: **20**

Type: **not specified**

Searches with the First ATLAS Data

Wednesday, 20 May 2009 11:45 (30 minutes)

Presenter: MELLADO, Bruce (University of Wisconsin - Madison)

Contribution ID: 21

Type: **not specified**

Generalized Unitarity and BlackHat

Wednesday, 20 May 2009 14:00 (1 hour)

Presenter: BERGER, Carola (MIT)

Contribution ID: 22

Type: **not specified**

Recent Progress on QCD and Electroweak Corrections to Higgs Production

Wednesday, 20 May 2009 15:45 (30 minutes)

Presenter: PETRIELLO, Frank (University of Wisconsin - Madison)

Contribution ID: 23

Type: **not specified**

Leptophilic Higgs Signatures at the LHC

Wednesday, 20 May 2009 16:30 (30 minutes)

Presenter: THOMAS, Brooks (University of Arizona)

Contribution ID: 24

Type: **not specified**

Welcome

Thursday, 21 May 2009 09:00 (15 minutes)

Presenter: BETTS, Russell (IIT)

Contribution ID: 25

Type: **not specified**

Does Our Tevatron Experience Transfer to the LHC?

Thursday, 21 May 2009 09:15 (30 minutes)

Presenter: SULLIVAN, Zack (IIT)

Contribution ID: 26

Type: **not specified**

Latest CT09 Parton Distribution Functions with Inclusion of Tevatron Run-2 Jet and W Asymmetry Data

Thursday, 21 May 2009 10:00 (30 minutes)

Presenter: NADOLSKY, Pavel (Southern Methodist University)

Contribution ID: 27

Type: **not specified**

Alternative Subtraction Scheme Using Nagy-Soper Dipoles

Thursday, 21 May 2009 11:15 (30 minutes)

Presenter: ROBENS, Tania (RWTH Aachen)

Contribution ID: 28

Type: **not specified**

Higgs Signatures of Electroweak Baryogenesis

Thursday, 21 May 2009 13:30 (30 minutes)

Presenter: MENON, Arjun (University of Michigan)

Contribution ID: 29

Type: **not specified**

The Phenomenology of the U(1) Phantom Sector of the Standard Model

Thursday, 21 May 2009 14:15 (30 minutes)

Presenter: FIGY, Terrence (Durham University)

Contribution ID: **30**

Type: **not specified**

Long-lived NLSPs at the LHC

Thursday, 21 May 2009 15:30 (30 minutes)

Presenter: GUPTA, Sudhir (Iowa State University)

Contribution ID: **31**

Type: **not specified**

Higgs ID at the LHC

Thursday, 21 May 2009 16:15 (30 minutes)

Presenter: SHAUGHNESSY, Gabe (Argonne National Laboratory - Northwestern University)

Contribution ID: 32

Type: **not specified**

Probing B/L Violation in Extended Scalar Models at the LHC

Friday, 22 May 2009 09:15 (30 minutes)

Presenter: WANG, Kai (IPMU, University of Tokyo)

Contribution ID: 33

Type: **not specified**

Supersymmetric Electroweak Symmetry Breaking

Friday, 22 May 2009 10:00 (30 minutes)

Presenter: PONTON, Eduardo (Columbia University)

Contribution ID: **34**

Type: **not specified**

The Planck Scale from Top Condensation

Friday, 22 May 2009 11:15 (30 minutes)

Presenter: BAI, Yang (Fermilab)

Contribution ID: 35

Type: **not specified**

Non-minimal UED: Implications for Dark Matter and Collider Searches

Friday, 22 May 2009 13:30 (30 minutes)

Presenter: FLACKE, Thomas (University of Michigan)

Contribution ID: 36

Type: **not specified**

Implications of Dark Matter by Astrophysical Observations

Friday, 22 May 2009 14:15 (20 minutes)

Presenter: GAO, Yu (University of Wisconsin - Madison)

Contribution ID: 37

Type: **not specified**

Measuring Spin Using Quantum Interference of Helicity States

Friday, 22 May 2009 14:45 (20 minutes)

Presenter: RENTALA, Vikram (UC - Berkeley)

Contribution ID: **38**

Type: **not specified**

Spontaneous R-Parity Violation in Supersymmetry

Friday, 22 May 2009 15:45 (30 minutes)

Presenter: SPINNER, Sogee (University of Wisconsin - Madison)

Contribution ID: **39**

Type: **not specified**

Split-UED

Friday, 22 May 2009 16:30 (30 minutes)

Presenter: SHU, Jing (IPMU, University of Tokyo)