

The LHC Early Phase for the ILC

Report of Contributions

Contribution ID: 0

Type: **not specified**

Higgs Signals at the LHC

Thursday, 12 April 2007 08:30 (30 minutes)

Primary author: CRANMER, Kyle Stuart (Department of Physics - Brookhaven National Laboratory (BNL))

Presenter: CRANMER, Kyle Stuart (Department of Physics - Brookhaven National Laboratory (BNL))

Session Classification: Experiments Plenary I

Contribution ID: 1

Type: **not specified**

No Higgs Signals at the LHC

Thursday, 12 April 2007 09:00 (30 minutes)

Presenter: CONWAY, John (Department of Physics - University of California (UCD))

Session Classification: Experiments Plenary I

Contribution ID: 2

Type: **not specified**

Higgs at the ILC

Thursday, 12 April 2007 09:30 (30 minutes)

Primary author: VAN KOOTEN, Rick (Indiana University)

Presenter: VAN KOOTEN, Rick (Indiana University)

Session Classification: Experiments Plenary I

Contribution ID: 3

Type: **not specified**

Higgs Theory

Primary author: LOGAN, Heather (Carleton U.)

Presenter: LOGAN, Heather (Carleton U.)

Contribution ID: 4

Type: **not specified**

No Higgs Signals at the LHC, Theory

Thursday, 12 April 2007 11:30 (30 minutes)

Primary author: CHIVUKULA, Shekhar (Michigan State University)

Presenter: CHIVUKULA, Shekhar (Michigan State University)

Session Classification: Theory Plenary I

Contribution ID: 5

Type: **not specified**

No Higgs Signals at the LHC, Theory

Thursday, 12 April 2007 11:00 (30 minutes)

Primary author: WAGNER, Carlos (Unknown)

Presenter: WAGNER, Carlos (Unknown)

Session Classification: Theory Plenary I

Contribution ID: 6

Type: **not specified**

LHC ILC Interplay

Friday, 13 April 2007 16:00 (1h 30m)

Primary author: DESCH, Klaus (Physikalisches Institut)

Presenter: DESCH, Klaus (Physikalisches Institut)

Session Classification: Wine and Cheese Seminar

Contribution ID: 7

Type: **not specified**

Multi Gauge Bosons at the LHC

Friday, 13 April 2007 08:30 (30 minutes)

Presenter: MNICH, Joachim (DESY)

Session Classification: Plenary II

Contribution ID: 8

Type: **not specified**

Leptonic Resonances at the LHC

Friday, 13 April 2007 09:00 (30 minutes)

Presenter: AZUELOS, Georges (University of Montreal)

Session Classification: Plenary II

Contribution ID: 9

Type: **not specified**

Missing Energy Signals at the LHC

Presenter: ASAI, Shoji (Department of Phys., Particle Phys.)

Contribution ID: **10**

Type: **not specified**

Beyond the Standard Model Signals at the LHC

Presenter: DE ROECK, Albert (CERN)

Contribution ID: **11**

Type: **not specified**

Beyond the Standard Model Signals at the LHC

Saturday, 14 April 2007 09:30 (30 minutes)

Presenter: DE ROECK, Albert (CERN)

Session Classification: Plenary III

Contribution ID: 12

Type: **not specified**

Missing Energy and other Signals, Theory

Saturday, 14 April 2007 09:00 (30 minutes)

Presenter: LYKKEN, Joe (Fermilab)

Session Classification: Plenary III

Contribution ID: 13

Type: **not specified**

Missing Energy Signals at the LHC

Saturday, 14 April 2007 08:30 (30 minutes)

Presenter: ASAI, Shoji (Department of Phys., Particle Phys.)

Session Classification: Plenary III

Contribution ID: 14

Type: **not specified**

Leptonic Resonances and Multi Gauge Bosons, Theory

Friday, 13 April 2007 09:30 (30 minutes)

Presenter: Prof. WACKEROTH, Doreen (SUNY at Buffalo)

Session Classification: Plenary II

Contribution ID: 15

Type: **not specified**

Missing Energy and other Signals, Theory

Presenter: KAPLAN, David (Johns Hopkins University)

Contribution ID: **16**

Type: **not specified**

Higgs Theory

Thursday, 12 April 2007 12:00 (30 minutes)

Presenter: LOGAN, Heather (Carleton U.)

Session Classification: Theory Plenary I

Contribution ID: 17

Type: **not specified**

Coffee Break

Friday, 13 April 2007 10:00 (30 minutes)

Contribution ID: **18**

Type: **not specified**

Plenary II cont'd

Contribution ID: **19**

Type: **not specified**

Beyond the Standard Model Signals at the ILC

Friday, 13 April 2007 13:00 (30 minutes)

Presenter: OREGLIA, Mark (Enrico Fermi Institute)

Session Classification: Plenary II cont'd

Contribution ID: **20**

Type: **not specified**

Introduction

Friday, 13 April 2007 10:30 (10 minutes)

Presenter: KEVIN, Black (Harvard University)

Session Classification: BSM: Lept. Resonances and Multi-Gauge Boson Working Group

Contribution ID: **21**

Type: **not specified**

Resonances in Universal Extra Dimensions

Friday, 13 April 2007 10:40 (20 minutes)

Presenter: Dr KONG, Kyoungchul (FNAL)

Session Classification: BSM: Lept. Resonances and Multi-Gauge Boson Working Group

Contribution ID: 22

Type: **not specified**

Discoveries through ILC precision measurements

Friday, 13 April 2007 11:00 (20 minutes)

Presenter: RIEMANN, Sabine (Institut fuer Hochenergiephysik Zeuthen)

Session Classification: BSM: Lept. Resonances and Multi-Gauge Boson Working Group

Contribution ID: 23

Type: **not specified**

Using top quarks to probe the Randall-Sundrum model

Friday, 13 April 2007 11:20 (20 minutes)

Presenter: Dr BENJAMIN, Lillie (University of Chicago)

Session Classification: BSM: Lept. Resonances and Multi-Gauge Boson Working Group

Contribution ID: 24

Type: **not specified**

Search for Extra Dimensions and Leptoquarks in Early LHC data

Friday, 13 April 2007 13:30 (20 minutes)

Presenter: LANDSBERG, Greg (Brown University)

Session Classification: BSM: Lept. Resonances and Multi-Gauge Boson Working Group

Contribution ID: 25

Type: **not specified**

New (and Not So New) Z' Gauge Bosons and the LHC/ILC Connection

Friday, 13 April 2007 13:50 (20 minutes)

Presenter: Dr TAIT, Tim (ANL)

Session Classification: BSM: Lept. Resonances and Multi-Gauge Boson Working Group

Contribution ID: 26

Type: **not specified**

New and old gauge boson discoveries in early LHC data

Friday, 13 April 2007 14:10 (20 minutes)

Presenter: BROOIJMANS, Gustaaf (Physics Dept., Pupin Physics Lab. - Columbia University)

Session Classification: BSM: Lept. Resonances and Multi-Gauge Boson Working Group

Contribution ID: 27

Type: **not specified**

Using object correlations to extract new physics from the LHC

Friday, 13 April 2007 14:30 (20 minutes)

Presenter: Prof. THOMAS, Scott (Rutgers University)

Session Classification: BSM: Lept. Resonances and Multi-Gauge Boson Working Group

Contribution ID: **28**

Type: **not specified**

Discussion Session

Friday, 13 April 2007 14:50 (40 minutes)

Presenter: Dr RIZZO, Thomas (SLAC)

Session Classification: BSM: Lept. Resonances and Multi-Gauge Boson Working Group

Contribution ID: **29**

Type: **not specified**

Introduction

Thursday, 12 April 2007 14:00 (15 minutes)

Primary author: GUNION, Jack (University of California (UCD))

Presenter: GUNION, Jack (University of California (UCD))

Session Classification: No Higgs Working Group

Contribution ID: **30**

Type: **not specified**

No Higgs Models

Thursday, 12 April 2007 14:15 (35 minutes)

Primary author: Dr CACCIAPAGLIA, Giacomo (UC Davis)

Presenter: Dr CACCIAPAGLIA, Giacomo (UC Davis)

Session Classification: No Higgs Working Group

Contribution ID: 31

Type: **not specified**

No Higgs with 10 fb⁻¹ at the LHC: Implications for Supersymmetric Models

Thursday, 12 April 2007 14:50 (40 minutes)

Primary author: TAIT, Tim (Argonne National Laboratory)

Presenter: TAIT, Tim (Argonne National Laboratory)

Session Classification: No Higgs Working Group

Contribution ID: 32

Type: **not specified**

No Higgs Scenario in Little Higgs Models in the first 10 fb⁻¹ at LHC

Thursday, 12 April 2007 16:00 (30 minutes)

Primary author: REUTER, Juergen (University of Freiburg)

Presenter: REUTER, Juergen (University of Freiburg)

Session Classification: No Higgs Working Group

Contribution ID: 33

Type: **not specified**

Extra/Exotic Higgs Decay Channels

Thursday, 12 April 2007 16:30 (40 minutes)

Primary author: GUNION, Jack (University of California (UCD))

Presenter: GUNION, Jack (University of California (UCD))

Session Classification: No Higgs Working Group

Contribution ID: **34**

Type: **not specified**

Discussion

Thursday, 12 April 2007 17:10 (20 minutes)

Primary author: BARKLOW, Tim (Stanford Linear Accelerator Center SLAC)

Presenter: BARKLOW, Tim (Stanford Linear Accelerator Center SLAC)

Session Classification: No Higgs Working Group

Contribution ID: 35

Type: **not specified**

Aspects of MET measurements at the LHC

Friday, 13 April 2007 10:30 (30 minutes)

Presenter: CAVANAUGH, Richard (U of Florida)

Session Classification: BSM: Missing Energy and all other processes not covered

Contribution ID: 36

Type: **not specified**

Experimental aspects of investigating missing energy signatures at the ILC (TBC)

Friday, 13 April 2007 11:00 (30 minutes)

Presenter: Dr WILSON, Graham (KU)

Session Classification: BSM: Missing Energy and all other processes not covered

Contribution ID: 37

Type: **not specified**

Discussion

Friday, 13 April 2007 11:30 (30 minutes)

Session Classification: BSM: Missing Energy and all other processes not covered

Contribution ID: **38**

Type: **not specified**

Nearly degenerate Gauginos at the LHC

Friday, 13 April 2007 13:30 (20 minutes)

Presenter: WANG, Kai (UW Madison)

Session Classification: BSM: Missing Energy and all other processes not covered

Contribution ID: 39

Type: **not specified**

Breaking degeneracies in the MSSM- inverting the LHC with the ILC

Presenter: Dr LILLIE, Ben (University of Chicago)

Contribution ID: 40

Type: **not specified**

T-parity in Little Higgs Models

Friday, 13 April 2007 14:10 (20 minutes)

Presenter: HILL, Richard (Fermilab)

Session Classification: BSM: Missing Energy and all other processes not covered

Contribution ID: 41

Type: **not specified**

Some Complications in Analyzing Missing Et Signals

Friday, 13 April 2007 14:30 (1 hour)

Presenters: LYKKEN, Joseph (Fermilab); CHANG, Spencer (NYU)

Session Classification: BSM: Missing Energy and all other processes not covered

Contribution ID: 42

Type: **not specified**

Breaking degeneracies in the MSSM- inverting the LHC with the ILC

Friday, 13 April 2007 13:50 (20 minutes)

Presenter: Dr LILLIE, Ben (University of Chicago)

Session Classification: BSM: Missing Energy and all other processes not covered

Contribution ID: 43

Type: **not specified**

Discussion Session

Contribution ID: 44

Type: **not specified**

SM Higgs at the LHC with 10 fb^{-1}

Thursday, 12 April 2007 14:05 (20 minutes)

Primary author: RAINWATER, David (Rochester University)

Presenter: RAINWATER, David (Rochester University)

Session Classification: Higgs Working Group

Contribution ID: 45

Type: **not specified**

Introduction

Thursday, 12 April 2007 14:00 (5 minutes)

Session Classification: Higgs Working Group

Contribution ID: 46

Type: **not specified**

Precision calculations for $H \rightarrow WW/ZZ \rightarrow 4$ fermions with PROPHECY4f

Thursday, 12 April 2007 14:25 (15 minutes)

Presenter: WEBER, Marcus (SUNY at Buffalo)

Session Classification: Higgs Working Group

Contribution ID: 47

Type: **not specified**

Resummation for Higgs signal and background in the diphoton decay mode

Thursday, 12 April 2007 14:40 (15 minutes)

Presenter: NADOLSKY, Pavel (Argonne National Laboratory)

Session Classification: Higgs Working Group

Contribution ID: 48

Type: **not specified**

Light MSSM Higgs boson scenario and its test at hadron colliders

Thursday, 12 April 2007 14:55 (15 minutes)

Presenter: BELYAEV, Alexander (Michigan State University)

Session Classification: Higgs Working Group

Contribution ID: 49

Type: **not specified**

Phenomenology of the SM with a scalar singlet

Thursday, 12 April 2007 15:10 (10 minutes)

Presenter: SHAUGNESSY, Gabe (University of Wisconsin-Madison)

Session Classification: Higgs Working Group

Contribution ID: 50

Type: **not specified**

Higgs to aa at the LHC

Thursday, 12 April 2007 15:20 (10 minutes)

Presenter: HUANG, Guiyu (University of Wisconsin-Madison)

Session Classification: Higgs Working Group

Contribution ID: 51

Type: **not specified**

SM Higgs searches in the early phase of the LHC with ATLAS

Thursday, 12 April 2007 16:00 (25 minutes)

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

Session Classification: Higgs Working Group

Contribution ID: 52

Type: **not specified**

SM Higgs searches in the early phase of the LHC with CMS

Thursday, 12 April 2007 16:25 (25 minutes)

Presenter: DE ROECK, Albert (CERN)

Session Classification: Higgs Working Group

Contribution ID: 53

Type: **not specified**

Experimental aspects of Higgs searches at the ILC

Thursday, 12 April 2007 16:50 (20 minutes)

Presenter: RASPIAREZA, Aliaksei (Max Planck Institute for Physics, Munich)

Session Classification: Higgs Working Group

Contribution ID: 54

Type: **not specified**

Discussion

Thursday, 12 April 2007 17:10 (20 minutes)

Session Classification: Higgs Working Group