

# **Hadron Collider Physics Symposium 2008 - HCP08**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## **Tevatron Status and Prospects**

*Tuesday, 27 May 2008 10:00 (15 minutes)*

**Presenter:** ODDONE, Pier (Fermilab)

**Session Classification:** Top Physics

Contribution ID: 1

Type: **not specified**

## Top Quark: Theory

*Tuesday, 27 May 2008 10:15 (30 minutes)*

**Presenter:** LAENEN, Eric (NIKHEF)

**Session Classification:** Top Physics

Contribution ID: 2

Type: **not specified**

# Top Quark Mass and Cross Section Results from the Tevatron

*Tuesday, 27 May 2008 10:45 (30 minutes)*

**Presenter:** GARBERSON, Ford (UCSB)

**Session Classification:** Top Physics

Contribution ID: 3

Type: **not specified**

## Top Quark Properties

*Tuesday, 27 May 2008 11:30 (20 minutes)*

**Presenter:** CIOBANU, Catalin (LPNHE/University of Paris 6)

**Session Classification:** Top Physics

Contribution ID: 4

Type: **not specified**

## Single Top Production at the Tevatron

*Tuesday, 27 May 2008 11:50 (20 minutes)*

**Presenter:** HEINSON, Ann (UC Riverside)

**Session Classification:** Top Physics

Contribution ID: 5

Type: **not specified**

## Top Quark Physics at the LHC

*Tuesday, 27 May 2008 12:10 (30 minutes)*

**Presenter:** SHIBATA, Akira (NYU)

**Session Classification:** Top Physics

Contribution ID: 6

Type: **not specified**

## W/Z Properties at the Tevatron

*Tuesday, 27 May 2008 14:30 (30 minutes)*

**Presenter:** NURSE, Emily (UCL, London)

**Session Classification:** Standard Model (QCD/Electroweak)



Contribution ID: 7

Type: **not specified**

## Theory of W/Z + Jets

*Tuesday, 27 May 2008 15:00 (30 minutes)*

**Presenter:** CAMPBELL, John (Glasgow)

**Session Classification:** Standard Model (QCD/Electroweak)

Contribution ID: 8

Type: **not specified**

## **Experimental studies of W/Z+jets and W/Z+heavy flavor at Tevatron**

*Tuesday, 27 May 2008 15:30 (30 minutes)*

**Presenter:** NEU, Chris

**Session Classification:** Standard Model (QCD/Electroweak)

Contribution ID: 9

Type: **not specified**

## **Diboson Production at the Tevatron**

*Tuesday, 27 May 2008 16:30 (30 minutes)*

**Presenter:** IASHVILI, Ia (SUNY, Buffalo)

**Session Classification:** Standard Model (QCD/Electroweak)

Contribution ID: **10**

Type: **not specified**

## **W Mass Measurement at the Tevatron**

*Tuesday, 27 May 2008 17:00 (30 minutes)*

**Presenter:** BIZJAK, Ilija (UCL, London)

**Session Classification:** Standard Model (QCD/Electroweak)

Contribution ID: 11

Type: **not specified**

## Electroweak Physics at the LHC

*Tuesday, 27 May 2008 17:30 (30 minutes)*

**Presenter:** MAZUMDAR, Kajari (Tata)

**Session Classification:** Standard Model (QCD/Electroweak)

Contribution ID: 12

Type: **not specified**

## **Parton distributions: the impact of HERA**

*Wednesday, 28 May 2008 08:30 (30 minutes)*

**Presenter:** NAGANO, Kunihiro (DESY)

**Session Classification:** QCD, Diffraction and Heavy Ions

Contribution ID: 14

Type: **not specified**

## **QCD: Tevatron results and LHC prospects,**

*Wednesday, 28 May 2008 09:00 (30 minutes)*

**Presenter:** ELVIRA, Daniel (FNAL)

**Session Classification:** QCD, Diffraction and Heavy Ions

Contribution ID: 15

Type: **not specified**

## Theory: QCD for the LHC

*Wednesday, 28 May 2008 09:30 (30 minutes)*

**Presenter:** MALTONI, Fabio (Louvain)

**Session Classification:** QCD, Diffraction and Heavy Ions



Contribution ID: 16

Type: **not specified**

## **Experimental Results on Diffraction**

*Wednesday, 28 May 2008 10:00 (30 minutes)*

**Presenter:** VAN MECHELEN, Pierre (Antwerp)

**Session Classification:** QCD, Diffraction and Heavy Ions

Contribution ID: 17

Type: **not specified**

## Theory: Heavy Ion Collisions

*Wednesday, 28 May 2008 11:00 (30 minutes)*

**Presenter:** TEANEY, Derek (Stonybrook)

**Session Classification:** QCD, Diffraction and Heavy Ions

Contribution ID: **18**

Type: **not specified**

## **Jet Modification at RHIC**

*Wednesday, 28 May 2008 11:30 (20 minutes)*

**Presenter:** VAN LEEUWEN, Marco (Utrecht University)

**Session Classification:** QCD, Diffraction and Heavy Ions

Contribution ID: 19

Type: **not specified**

## Heavy Flavor Physics at RHIC

*Wednesday, 28 May 2008 11:50 (20 minutes)*

**Presenter:** CIANCIOLO, Vince (Oak Ridge National Laboratory)

**Session Classification:** QCD, Diffraction and Heavy Ions

Contribution ID: 20

Type: **not specified**

## Heavy Ion Physics at the LHC

*Wednesday, 28 May 2008 12:10 (20 minutes)*

**Presenter:** GIUBELLINO, Paolo (INFN, Torino)

**Session Classification:** QCD, Diffraction and Heavy Ions

Contribution ID: 21

Type: **not specified**

## **B Physics Theory for Hadron Colliders**

*Thursday, 29 May 2008 08:30 (30 minutes)*

**Presenter:** BUCHALLA, Gerhard (LMU Munich)

**Session Classification:** B Physics

Contribution ID: 22

Type: **not specified**

## **Results and Prospects for 5S Running at B-factories**

*Thursday, 29 May 2008 09:00 (30 minutes)*

**Presenter:** DRUTSKOY, Alexey (University of Cincinnati)

**Session Classification:** B Physics

Contribution ID: 23

Type: **not specified**

## Mixing and CP violation at the Tevatron

*Thursday, 29 May 2008 09:30 (30 minutes)*

**Presenter:** BROOIJMANS, Gustaaf (Columbia University)

**Session Classification:** B Physics



Contribution ID: 24

Type: **not specified**

## **B Hadron Properties**

*Thursday, 29 May 2008 10:30 (30 minutes)*

**Presenter:** HARTZ, Mark (University of Pittsburgh)

**Session Classification:** B Physics

Contribution ID: 25

Type: **not specified**

## Rare Decay Physics at the Tevatron

*Thursday, 29 May 2008 11:00 (30 minutes)*

**Presenter:** CASEY, Brendan (FNAL)

**Session Classification:** B Physics

Contribution ID: 26

Type: **not specified**

## **B Physics Prospects at the LHC**

*Thursday, 29 May 2008 11:30 (30 minutes)*

**Presenter:** SARTI, Alessio (INFN/LNF)

**Session Classification:** B Physics

Contribution ID: 27

Type: **not specified**

## Status of constraints on SUSY

*Thursday, 29 May 2008 12:00 (30 minutes)*

**Presenter:** FREITAS, Ayres (University of Pittsburgh)

**Session Classification:** B Physics

Contribution ID: 28

Type: **not specified**

## **Beyond the SM models at the Tevatron and LHC**

*Thursday, 29 May 2008 14:30 (30 minutes)*

**Presenter:** PERELSTEIN, Maxim (Cornell University)

**Session Classification:** New Phenomena

Contribution ID: 29

Type: **not specified**

## **SUSY Searches at the Tevatron**

*Thursday, 29 May 2008 15:00 (30 minutes)*

**Presenter:** ADAMS, Todd (Florida State University)

**Session Classification:** New Phenomena

Contribution ID: **30**

Type: **not specified**

## **Other BSM Searches at the Tevatron**

*Thursday, 29 May 2008 15:30 (30 minutes)*

**Presenter:** YU, Shin-Shan (FNAL)

**Session Classification:** New Phenomena

Contribution ID: **31**

Type: **not specified**

## **BSM Higgs Searches at the Tevatron**

*Thursday, 29 May 2008 16:30 (30 minutes)*

**Presenter:** FILTHAUT, Frank (Radboud University Nijmegen)

**Session Classification:** New Phenomena



Contribution ID: 32

Type: **not specified**

## **SUSY Searches at the LHC**

*Thursday, 29 May 2008 17:00 (30 minutes)*

**Presenter:** BRANDT, Oleg (University of Oxford)

**Session Classification:** New Phenomena

Contribution ID: 33

Type: **not specified**

## Other BSM Searches at the LHC

*Thursday, 29 May 2008 17:30 (30 minutes)*

**Presenter:** BOURILKOV, Dimitri (University of Florida)

**Session Classification:** New Phenomena

Contribution ID: 34

Type: **not specified**

## Commissioning of ATLAS

*Friday, 30 May 2008 09:00 (30 minutes)*

**Presenter:** THOMAS, Juergen (U of Birmingham, UK)

**Session Classification:** LHC Experiment Status

Contribution ID: 35

Type: **not specified**

## Commissioning of CMS

*Friday, 30 May 2008 09:30 (30 minutes)*

**Presenter:** MALGERI, Luca (CERN)

**Session Classification:** LHC Experiment Status

Contribution ID: 36

Type: **not specified**

## **Commissioning and Prospects for Early Physics at LHCb**

*Friday, 30 May 2008 10:00 (30 minutes)*

**Presenter:** MONTEIL, Stephane (LPC Universite Blaise Pascal / IN2P3)

**Session Classification:** LHC Experiment Status

Contribution ID: 37

Type: **not specified**

## **Commissioning of Particle ID with Early LHC Data**

*Friday, 30 May 2008 11:00 (30 minutes)*

**Presenter:** HRYN'OVA, Tetiana (CERN)

**Session Classification:** LHC Experiment Status

Contribution ID: **38**

Type: **not specified**

## **Early SM Measurements and Determination of SM Background for Searches**

*Friday, 30 May 2008 11:30 (30 minutes)*

**Presenter:** BEAUCERON, Stephanie (CERN)

**Session Classification:** LHC Experiment Status

Contribution ID: 39

Type: **not specified**

# Higgs Boson Production and Decay Theory

*Friday, 30 May 2008 14:00 (30 minutes)*

**Presenter:** ZEPPENFELD, Dieter (University of Karlsruhe)

**Session Classification:** Electroweak Symmetry Breaking



Contribution ID: 40

Type: **not specified**

## **Low Mass SM Higgs Search at the Tevatron**

*Friday, 30 May 2008 14:30 (30 minutes)*

**Presenter:** HUGHES, Richard (Ohio State University)

**Session Classification:** Electroweak Symmetry Breaking

Contribution ID: 41

Type: **not specified**

## **High Mass SM Higgs Searches at the Tevatron**

*Friday, 30 May 2008 15:00 (30 minutes)*

**Presenter:** BERNARDI, Gregorio

**Session Classification:** Electroweak Symmetry Breaking

Contribution ID: 42

Type: **not specified**

## SM Higgs Searches at the LHC

*Friday, 30 May 2008 16:00 (30 minutes)*

**Presenter:** TAKAHASHI, Maiko (Imperial College London)

**Session Classification:** Electroweak Symmetry Breaking

Contribution ID: 43

Type: **not specified**

## **Higgs Boson Beyond the SM (Alternate EW Breaking Scenarios)**

*Friday, 30 May 2008 16:30 (30 minutes)*

**Presenter:** CHANG, Spencer (New York University)

**Session Classification:** Electroweak Symmetry Breaking

Contribution ID: 44

Type: **not specified**

## **Higgs properties and BSM Higgs searches at the LHC**

*Friday, 30 May 2008 17:00 (30 minutes)*

**Presenter:** MADER, Wolfgang (Technical University Dresden)

**Session Classification:** Electroweak Symmetry Breaking

Contribution ID: 45

Type: **not specified**

# Commissioning and Prospects for Early Physics at ALICE

*Saturday, 31 May 2008 08:30 (30 minutes)*

**Presenter:** KUIJER, Paul (NIKHEF)

**Session Classification:** Machine Status, Summaries and Prospects

Contribution ID: 46

Type: **not specified**

## **Status of LHC Machine and Plans for sLHC**

**Presenter:** LIMON, Peter (FNAL)

Contribution ID: 47

Type: **not specified**

## **Grid Computing and Results of Data Challenge**

*Saturday, 31 May 2008 09:45 (30 minutes)*

**Presenter:** PORDES, Ruth (FNAL)

**Session Classification:** Machine Status, Summaries and Prospects



Contribution ID: 48

Type: **not specified**

## Upgrade Plans for the LHC Experiments

*Saturday, 31 May 2008 09:00 (45 minutes)*

**Presenter:** BORTOLETTO, Daniela (Purdue Univeristy)

**Session Classification:** Machine Status, Summaries and Prospects

Contribution ID: 49

Type: **not specified**

## Workshop Summary

*Saturday, 31 May 2008 10:45 (1 hour)*

**Presenter:** TIPTON, Paul (Yale University)

**Session Classification:** Machine Status, Summaries and Prospects