

# **2nd HERA - LHC workshop 2006**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## **tatus of LHC machine**

Contribution ID: 1

Type: **not specified**

# **introduction to the workshop, prospects and the future**

*Tuesday 6 June 2006 14:00 (30 minutes)*

**Presenter:** A. DE ROECK (CERN)

Contribution ID: 2

Type: **not specified**

## **status of LHC machine**

*Tuesday 6 June 2006 14:30 (30 minutes)*

**Presenter:** ROGER BAILEY (CERN)

Contribution ID: 3

Type: **not specified**

## **Status and startup for physics with CMS**

*Tuesday 6 June 2006 15:00 (30 minutes)*

**Presenter:** MARIA SPIROPULU (CERN)

Contribution ID: 4

Type: **not specified**

## **Status and startup for physics with ALICE**

*Tuesday 6 June 2006 16:20 (30 minutes)*

**Presenter:** JEAN PIERE REVOL (CERN)

Contribution ID: 5

Type: **not specified**

## **Status and startup for physics with LHCb**

*Tuesday 6 June 2006 16:50 (20 minutes)*

**Presenter:** PASSALEVA, Giovanni (Firenze)

Contribution ID: 6

Type: **not specified**

## Diffraction with TOTEM

*Tuesday 6 June 2006 17:10 (20 minutes)*

**Presenter:** ORAVA, Risto (Helsinki)

Contribution ID: 7

Type: **not specified**

## **HERA program until 2007**

*Tuesday 6 June 2006 17:30 (45 minutes)*

**Presenter:** GALLO, Elisabetta (INFN Firenze/DESY)

Contribution ID: **8**

Type: **not specified**

## **ep program at LHC**

*Tuesday 6 June 2006 18:15 (30 minutes)*

**Presenter:** PEREZ, Emmanuelle (Saclay/DESY)

Contribution ID: 9

Type: **not specified**

## **report of pdfs**

*Thursday 8 June 2006 16:10 (45 minutes)*

**Session Classification:** Plenary Session

Contribution ID: **10**

Type: **not specified**

## **report of jets**

*Thursday 8 June 2006 16:55 (45 minutes)*

**Session Classification:** Plenary Session

Contribution ID: 11

Type: **not specified**

## **QCD results from the Tevatron**

*Thursday 8 June 2006 14:15 (40 minutes)*

**Presenter:** JOEY HUSTON (Michigan)

**Session Classification:** Plenary Session

Contribution ID: 12

Type: **not specified**

## Overview of diffractive Higgs

*Thursday 8 June 2006 14:55 (30 minutes)*

**Presenter:** COX, Brian (Manchester)

**Session Classification:** Plenary Session

Contribution ID: 17

Type: **not specified**

## High Density and low x at the LHC

*Thursday 8 June 2006 15:25 (30 minutes)*

**Presenter:** D' ENTERRIA, David (CERN)

**Session Classification:** Plenary Session

Contribution ID: **18**

Type: **not specified**

## QCD potential at LHC

**Presenter:** FRIXIONE, Stefano (CERN/INFN)

Contribution ID: **20**

Type: **not specified**

## **Introduction**

*Wednesday 7 June 2006 09:30 (20 minutes)*

**Presenter:** SPIESBERGER, Hubert (Mainz)

**Session Classification:** Heavy quarks (charm and beauty)

Contribution ID: 21

Type: **not specified**

## **charm fragmentation (tbc)**

Contribution ID: 22

Type: **not specified**

## **Diffraction DIS Cross Sections and Parton Densities**

Contribution ID: 23

Type: **not specified**

## Welcome and Introduction

Contribution ID: 24

Type: **not specified**

## A talk

A speaker

Contribution ID: 25

Type: **not specified**

## A talk

Contribution ID: 26

Type: **not specified**

## A talk

**Presenter:** SPEAKER, A ((Brum))

Contribution ID: 27

Type: **not specified**

## Welcome and Introduction

*Wednesday 7 June 2006 09:00 (10 minutes)*

**Presenter:** CONVENORS

**Session Classification:** Diffraction

Contribution ID: 28

Type: **not specified**

# **Diffractive DIS Cross Sections and Parton Densities from H1**

*Wednesday 7 June 2006 09:10 (30 minutes)*

**Presenter:** SCHILLING, Frank-Peter (CERN)

**Session Classification:** Diffraction

Contribution ID: 29

Type: **not specified**

## **Theoretical uncertainties in diffractive parton densities**

*Wednesday 7 June 2006 09:50 (20 minutes)*

**Presenter:** WATT, Graeme (UCL)

**Session Classification:** Diffraction

Contribution ID: **30**

Type: **not specified**

# **Diffractive Jets, Charm and Factorisation Tests from H1**

*Wednesday 7 June 2006 14:00 (20 minutes)*

**Presenter:** WOLF, Roger (Uni Heidelberg)

**Session Classification:** Diffraction / Final States Joint Session

Contribution ID: 31

Type: **not specified**

## **Diffraction Final States from ZEUS**

*Wednesday 7 June 2006 14:30 (15 minutes)*

**Presenter:** BONATO, Alessio (Hamburg)

**Session Classification:** Diffraction / Final States Joint Session

Contribution ID: 32

Type: **not specified**

## **Factorisation Breaking in Diffractive Dijet Production**

*Wednesday 7 June 2006 14:55 (20 minutes)*

**Presenter:** KLASSEN, Michael (Grenoble)

**Session Classification:** Diffraction / Final States Joint Session

Contribution ID: 33

Type: **not specified**

## Leading Neutron Energy and pT Distributions from ZEUS

*Wednesday 7 June 2006 10:20 (20 minutes)*

**Presenter:** SCHMIDKE, Bill (MPI Munich)

**Session Classification:** Diffraction

Contribution ID: **34**

Type: **not specified**

## **A Fresh Look at Soft Diffraction**

(To be confirmed)

**Presenter:** MAOR, Uri (Tel Aviv)

Contribution ID: 35

Type: **not specified**

## **Photoproduction of Events with Rapidity Gaps between Jets at ZEUS**

*Wednesday 7 June 2006 15:25 (15 minutes)*

**Presenter:** RYAN, Pat (Wisconsin)

**Session Classification:** Diffraction / Final States Joint Session

Contribution ID: **36**

Type: **not specified**

## **Totem Status and Plans**

(To be confirmed)

Contribution ID: 37

Type: **not specified**

## **Towards a Diffractive Physics Programme at CMS with Totem and FP420**

*Wednesday 7 June 2006 11:40 (30 minutes)*

**Presenter:** GROTHE, Monika (Wisconsin)

**Session Classification:** Diffraction

Contribution ID: **38**

Type: **not specified**

## **Central Exclusive Production of Long Lived Gluinos**

*Wednesday 7 June 2006 16:35 (20 minutes)*

**Presenter:** COUGHLIN, Tim (Manchester)

**Session Classification:** Diffraction

Contribution ID: 39

Type: **not specified**

## **Odderon Searches in Exclusive Vector Meson Production in pp Collisions**

*Wednesday 7 June 2006 17:05 (10 minutes)*

**Presenter:** MOTYKA, Leszek (Cracow)

**Session Classification:** Diffraction

Contribution ID: 40

Type: **not specified**

## **New Results on Diffraction from CDF**

*Wednesday 7 June 2006 17:20 (30 minutes)*

(via VRVS)

**Presenter:** TERASHI, Koji (Rockefeller)

**Session Classification:** Diffraction

Contribution ID: 41

Type: **not specified**

## **Diffraction and the LHeC Project**

*Wednesday 7 June 2006 18:00 (10 minutes)*

**Presenter:** NEWMAN, Paul (Birmingham)

**Session Classification:** Diffraction

Contribution ID: 42

Type: **not specified**

## Diffraction at ATLAS

Contribution ID: 43

Type: **not specified**

## **Experience with Roman Pots at H1**

(To be confirmed)

Contribution ID: 44

Type: **not specified**

## **Status and Plans for FP420**

*Thursday 8 June 2006 10:10 (20 minutes)*

**Presenter:** COX, Brian (Manchester)

**Session Classification:** Diffraction

Contribution ID: 45

Type: **not specified**

## Hard Rescattering Corrections to Exclusive Higgs Production at the LHC

*Thursday 8 June 2006 09:00 (20 minutes)*

**Presenter:** MOTYKA, Leszek (Cracow)

**Session Classification:** Diffraction

Contribution ID: 46

Type: **not specified**

## **Issues Concerning Diffractive Higgs Production**

*Thursday 8 June 2006 09:30 (20 minutes)*

**Presenter:** MARTIN, Alan (Durham)

**Session Classification:** Diffraction

Contribution ID: 47

Type: **not specified**

## Simulations of Diffractive Higgs Production

*Thursday 8 June 2006 10:40 (20 minutes)*

**Presenter:** TASEVSKY, Marek (Prague)

**Session Classification:** Diffraction

Contribution ID: 48

Type: **not specified**

## **ExHuME Developments and SD Overlap to Exclusive Higgs**

*Thursday 8 June 2006 11:40 (20 minutes)*

**Presenter:** PILKINGTON, Andrew (Manchester)

**Session Classification:** Diffraction

Contribution ID: 49

Type: **not specified**

# Luminosity Determination and Forward Physics with ATLAS

*Thursday 8 June 2006 12:10 (20 minutes)*

**Presenter:** STENZEL, Hasko (Giessen)

**Session Classification:** Diffraction

Contribution ID: 50

Type: **not specified**

## Charm fragmentation

*Wednesday 7 June 2006 09:55 (25 minutes)*

via VRVS

**Presenter:** RURIKOVA, Zuzana (MPI Muenchen)

**Session Classification:** Heavy quarks (charm and beauty)

Contribution ID: 51

Type: **not specified**

## Beauty production using $D^* + \mu$ and $\mu + \mu$ - correlations at HERA

*Wednesday 7 June 2006 11:45 (20 minutes)*

**Presenter:** NUNCIO-QUIROZ, Adriana Elizabeth (DESY/Hamburg)

**Session Classification:** Heavy quarks (charm and beauty)

Contribution ID: 52

Type: **not specified**

## **First results on Heavy Flavour production at HERA II**

*Wednesday 7 June 2006 12:35 (20 minutes)*

**Presenter:** KAHLE, Benjamin (DESY)

**Session Classification:** Heavy quarks (charm and beauty)

Contribution ID: 53

Type: **not specified**

## **D\*-jet and dijet-correlations at HERA**

*Wednesday 7 June 2006 10:50 (20 minutes)*

**Presenter:** LOIZIDES, John (UCL)

**Session Classification:** Heavy quarks (charm and beauty)

Contribution ID: 54

Type: **not specified**

## **Inclusive c and b dijets at HERA**

*Wednesday 7 June 2006 12:10 (20 minutes)*

**Presenter:** KRUEGER, Katja (Heidelberg)

**Session Classification:** Heavy quarks (charm and beauty)

Contribution ID: 55

Type: **not specified**

## **Discussion on ongoing and future measurements at HERA and LHC**

*Wednesday 7 June 2006 16:45 (1h 30m)*

**Session Classification:** Heavy quarks (charm and beauty)

Contribution ID: 56

Type: **not specified**

## **F2ccbar and F2bbbar at HERA**

Joint session with PDF working group. via VRVS

**Presenter:** THOMPSON, Paul (Birmingham)

Contribution ID: 57

Type: **not specified**

# Measurement of beauty production at 14 TeV with ALICE

*Thursday 8 June 2006 09:00 (30 minutes)*

**Presenter:** BOMBONATI, Carlo (Padova)

**Session Classification:** Heavy quarks (charm and beauty)

Contribution ID: 58

Type: **not specified**

## **Quarkonia detection with the ALICE muon arm and low-x PDFs**

*Thursday 8 June 2006 10:00 (30 minutes)*

**Presenter:** STOCCO, Diego (Torino)

**Session Classification:** Heavy quarks (charm and beauty)

Contribution ID: 59

Type: **not specified**

## **Information from Leading Neutrons at HERA**

*Wednesday 7 June 2006 10:50 (15 minutes)*

**Presenter:** MARTIN, Alan (Durham)

**Session Classification:** Diffraction

Contribution ID: **60**

Type: **not specified**

## **ATLAS J/psi direct production studies**

*Thursday 8 June 2006 10:30 (30 minutes)*

**Presenter:** GINZBURG, Jony (Tel-Aviv)

**Session Classification:** Heavy quarks (charm and beauty)

Contribution ID: **61**

Type: **not specified**

## **Progress towards b fragmentation at NNLO**

*Wednesday 7 June 2006 10:25 (20 minutes)*

**Presenter:** MITOV, Alexander (DESY Zeuthen)

**Session Classification:** Heavy quarks (charm and beauty)

Contribution ID: **62**

Type: **not specified**

## **See joint session heavy quarks and PDFs**

*Wednesday 7 June 2006 14:00 (1h 50m)*

**Session Classification:** Heavy quarks (charm and beauty)

Contribution ID: 63

Type: **not specified**

## **Asymmetry in baryon/antibaryon production at HERA and LHC**

*Thursday 8 June 2006 12:00 (20 minutes)*

**Presenter:** PISKOUNOVA, Olga (Moscow)

**Session Classification:** Heavy quarks (charm and beauty)

Contribution ID: 64

Type: **not specified**

## **Tests of CP symmetry and time reversal invariance with $\Lambda_b$ decays into $\Lambda$ vector meson**

*Thursday 8 June 2006 12:25 (20 minutes)*

**Presenter:** AJALTOUNI, Ziad Jean (Clermont-Ferrand)

**Session Classification:** Heavy quarks (charm and beauty)

Contribution ID: 65

Type: **not specified**

## **Status and startup for physics with ATLAS**

*Tuesday 6 June 2006 15:30 (30 minutes)*

**Presenter:** MARINA COBAL (UDINE)

Contribution ID: 66

Type: **not specified**

## **Inclusive b production in CMS**

*Thursday 8 June 2006 09:30 (30 minutes)*

**Presenter:** ANDREEV, Valeri (UCLA)

**Session Classification:** Heavy quarks (charm and beauty)

Contribution ID: 67

Type: **not specified**

## **Introduction/overview: How well will (need) we know PDF's for the LHC start, for 2008 and beyond?**

*Thursday 8 June 2006 09:00 (10 minutes)*

**Presenter:** DITTMAR, Michael

**Session Classification:** Parton density functions

Contribution ID: **68**

Type: **not specified**

## **Summary of PDF's from HERA status and final precision**

*Thursday 8 June 2006 09:10 (20 minutes)*

**Presenter:** GLAZOV, (via VRVS) Alexander

**Session Classification:** Parton density functions

Contribution ID: **69**

Type: **not specified**

## **How well do latest PDF's describe Tevatron data**

*Thursday 8 June 2006 09:30 (15 minutes)*

**Presenter:** HUSTON, Joey

**Session Classification:** Parton density functions

Contribution ID: 70

Type: **not specified**

## Latest results on PDFs uncertainties with Neural Networks

*Thursday 8 June 2006 10:00 (15 minutes)*

**Presenter:** PICCIONE, Andrea

**Session Classification:** Parton density functions

Contribution ID: 71

Type: **not specified**

## **CMS studies with electrons**

*Thursday 8 June 2006 10:45 (15 minutes)*

**Presenter:** HOLZNER, Andre

**Session Classification:** Parton density functions

Contribution ID: 72

Type: **not specified**

## **CMS studies with muons**

*Thursday 8 June 2006 11:00 (15 minutes)*

**Presenter:** ALCARAZ, Juan

**Session Classification:** Parton density functions

Contribution ID: 73

Type: **not specified**

## **ATLAS studies**

*Thursday 8 June 2006 11:15 (15 minutes)*

**Session Classification:** Parton density functions

Contribution ID: 74

Type: **not specified**

## **A novel method for measuring luminosity at LHC(b) and implications for PDFs**

*Thursday 8 June 2006 11:30 (15 minutes)*

**Presenter:** FERRO-LUZZI, Massimiliano

**Session Classification:** Parton density functions

Contribution ID: 75

Type: **not specified**

## **Cross checking “final” HERA/Tevatron PDF’s with LHC data. What are the experimental and theoretical systematic limits?**

*Thursday 8 June 2006 12:00 (1 hour)*

**Presenter:** , various short contributions

**Session Classification:** Parton density functions

Contribution ID: 76

Type: **not specified**

## Address to the Workshop

Contribution ID: 77

Type: **not specified**

## **Address to the Workshop**

*Thursday 8 June 2006 14:00 (15 minutes)*

**Presenter:** JOS ENGELEN (CERN)

**Session Classification:** Plenary Session

Contribution ID: 78

Type: **not specified**

## The Underlying Event at the LHC

Contribution ID: 79

Type: **not specified**

## The Underlying Event at the LHC

*Wednesday 7 June 2006 09:00 (20 minutes)*

**Presenter:** FANO', Livio (Perugia)

**Session Classification:** MC - tools

Contribution ID: **80**

Type: **not specified**

## **The Underlying Event at ZEUS**

*Wednesday 7 June 2006 09:30 (20 minutes)*

**Presenter:** NANSOO, Tim (Bristol)

**Session Classification:** MC - tools

Contribution ID: **81**

Type: **not specified**

## **How to subtract the underlying event from jets?**

*Wednesday 7 June 2006 10:00 (20 minutes)*

**Presenter:** STAROVOITOV, Pavel (National Science & Education Centre of Particle & High Energy Physics)

**Session Classification:** MC - tools

Contribution ID: 82

Type: **not specified**

## **Sensitivity of the Muon Isolation Cut Efficiency to Underlying Event Uncertainty**

*Wednesday 7 June 2006 10:30 (20 minutes)*

**Presenter:** DROZDETSKIY, Alexey (University of Florida)

**Session Classification:** MC - tools

Contribution ID: **83**

Type: **not specified**

## **Cascade & Rapgap**

*Wednesday 7 June 2006 11:15 (20 minutes)*

**Presenter:** JUNG, Hannes (DESY)

**Session Classification:** MC - tools

Contribution ID: **84**

Type: **not specified**

## **Double Constrained Evolutions in a single MC for the DY-type processes – A prototype**

*Wednesday 7 June 2006 11:45 (20 minutes)*

**Presenter:** JADACH, Staszek (IFJ-PAN, Krakow)

**Session Classification:** MC - tools

Contribution ID: 85

Type: **not specified**

## **Automatation of NLO calculations**

*Wednesday 7 June 2006 14:00 (20 minutes)*

**Presenter:** VAN HAMEREN, Andre (IFJ-PAN Krakow)

**Session Classification:** MC - tools

Contribution ID: **86**

Type: **not specified**

## **Alpgen vs. MC@NLO for ttbar**

*Wednesday 7 June 2006 14:30 (20 minutes)*

**Presenter:** TRECCANI, Michele (Ferrara)

**Session Classification:** MC - tools

Contribution ID: 87

Type: **not specified**

## **Sherpa vs. D0 in Z+jets**

*Wednesday 7 June 2006 15:00 (20 minutes)*

**Presenter:** WINTER, Jan (CERN and TU Dresden)

**Session Classification:** MC - tools

Contribution ID: **88**

Type: **not specified**

## **New PS algorithm: shower evolution, matching at LO and NLO**

*Wednesday 7 June 2006 15:30 (20 minutes)*

**Presenter:** NAGY, Zoltan (University of Zurich)

**Session Classification:** MC - tools

Contribution ID: **89**

Type: **not specified**

## **fastNLO: fast pQCD Calculations for QCD Fits**

*Wednesday 7 June 2006 16:20 (20 minutes)*

**Presenter:** KLUGE, Thomas (DESY)

**Session Classification:** MC - tools

Contribution ID: **90**

Type: **not specified**

## **NLO-GRID (techniques for Jet/PDF fitting)**

*Wednesday 7 June 2006 16:50 (20 minutes)*

**Presenter:** CLEMENTS, Dan (Glasgow)

**Session Classification:** MC - tools

Contribution ID: **91**

Type: **not specified**

## **New fits to uPDFs**

*Wednesday 7 June 2006 17:20 (20 minutes)*

**Presenter:** JUNG, Hannes (DESY)

**Session Classification:** MC - tools

Contribution ID: 92

Type: **not specified**

## **Heavy Quarkonia sector in PYTHIA 6.324: test and validation**

*Thursday 8 June 2006 09:00 (20 minutes)*

**Presenter:** BARGIOTTI, Marianne (CERN)

**Session Classification:** MC - Tools

Contribution ID: 93

Type: **not specified**

## **EvtGen at the LHC**

*Thursday 8 June 2006 09:30 (20 minutes)*

**Presenter:** SMIZANSKA, Maria (Lancaster)

**Session Classification:** MC - Tools

Contribution ID: 94

Type: **not specified**

## **MC validation in ATLAS**

*Thursday 8 June 2006 10:15 (20 minutes)*

**Presenter:** KERSEVAN, Borut Paul (Jozef Stefan Institute)

**Session Classification:** MC - Tools

Contribution ID: 95

Type: **not specified**

## **Validation of simulation packages in LCG**

*Thursday 8 June 2006 10:45 (20 minutes)*

**Presenter:** KIRSANOV, Mikhail (INR)

**Session Classification:** MC - Tools

Contribution ID: **96**

Type: **not specified**

## **MC validation, HZtool**

*Thursday 8 June 2006 11:15 (20 minutes)*

**Presenter:** RISLER, Christiane (DeSY)

**Session Classification:** MC - Tools

Contribution ID: 97

Type: **not specified**

## **CEDAR & HZTool**

*Thursday 8 June 2006 11:45 (10 minutes)*

**Presenter:** BUTTERWORTH, Jon (UCL)

**Session Classification:** MC - Tools

Contribution ID: 98

Type: **not specified**

## **Angular decorrelations of Mueller-Navelet Jets at NLO**

*Wednesday 7 June 2006 11:30 (20 minutes)*

**Presenter:** SABIO-VERA, Agustin (CERN)

**Session Classification:** Multi-jet final states and energy flows

Contribution ID: 99

Type: **not specified**

## **Towards the fully exclusive NLL BFKL evolution**

*Wednesday 7 June 2006 12:00 (20 minutes)*

**Presenter:** ANDERSEN, Jeppe (Cambridge University)

**Session Classification:** Multi-jet final states and energy flows

Contribution ID: **100**

Type: **not specified**

**Joint Session with MC-Tools WG5 - "Underlying Events" [09:00 - 11:00 : Room 40-5-A01 : see MC-Tools agenda]**

*Wednesday 7 June 2006 09:00 (2 hours)*

**Session Classification:** Multi-jet final states and energy flows

Contribution ID: **101**

Type: **not specified**

**Joint Session with Diffraction WG4 [14:00 - 16:05 :  
Room 40-SS-C01 : see Diffractive agenda]**

*Wednesday 7 June 2006 14:00 (2h 5m)*

**Session Classification:** Multi-jet final states and energy flows

Contribution ID: **102**

Type: **not specified**

**Joint Session with MC-Tools WG5 - "High  
Orders/Merging" [14:00 - 16:05 : Room 40-5-A01 : see  
MC-Tools agenda]**

*Wednesday 7 June 2006 14:00 (2h 5m)*

**Session Classification:** Multi-jet final states and energy flows

Contribution ID: 103

Type: **not specified**

**Joint Session with MC-Tools WG5 and PDFs WG1  
[16:20 - 17:40 : Room 40-S2-B01 : see MC-Tools  
agenda]**

*Wednesday 7 June 2006 16:20 (1h 20m)*

**Session Classification:** Multi-jet final states and energy flows

Contribution ID: **104**

Type: **not specified**

## **Jet algorithms and energy flows - logarithmic surprises**

*Thursday 8 June 2006 09:30 (20 minutes)*

**Presenter:** DASGUPTA, Mrinal (Manchester University)

**Session Classification:** Multi-jet final states and energy flows

Contribution ID: **105**

Type: **not specified**

## **IR safe determination of jet flavour at parton level**

*Thursday 8 June 2006 10:00 (20 minutes)*

**Presenter:** BANFI, Andrea (Universita' degli Studi di Milano-Bicocca)

**Session Classification:** Multi-jet final states and energy flows

Contribution ID: **106**

Type: **not specified**

## **Low x physics studies using the hadronic final state from H1**

*Thursday 8 June 2006 11:30 (20 minutes)*

**Presenter:** TRAYNOR, Daniel (Queen Mary, London/ H1)

**Session Classification:** Multi-jet final states and energy flows

Contribution ID: **108**

Type: **not specified**

## **New results from jet physics at HERA**

*Thursday 8 June 2006 12:00 (20 minutes)*

**Presenter:** GWENLAN, Claire (for Thomas Schoerner - Hamburg University/ZEUS)

**Session Classification:** Multi-jet final states and energy flows

Contribution ID: **109**

Type: **not specified**

## **Prompt Photons at HERA**

*Thursday 8 June 2006 12:30 (20 minutes)*

**Presenter:** MUELLER, Katharina (Universitaet Zuerich)

**Session Classification:** Multi-jet final states and energy flows

Contribution ID: 111

Type: **not specified**

**Joint with Diffraction WG4 (09:00 - 09:30 : Room  
40-S2-B01 : see Diffraction agenda)**

*Thursday 8 June 2006 09:00 (30 minutes)*

**Session Classification:** Multi-jet final states and energy flows

Contribution ID: 113

Type: **not specified**

## **Studies for Very Forward Energy Measurements at the LHC**

*Wednesday 7 June 2006 15:50 (10 minutes)*

**Presenter:** ANDREEV, Vladimir (LPI Moscow)

**Session Classification:** Diffraction / Final States Joint Session

Contribution ID: 114

Type: **not specified**

## Theory of Forward Elastic Scattering at the LHC

*Wednesday 7 June 2006 12:20 (10 minutes)*

**Presenter:** KUNDRAT, Vojtech (Prague)

**Session Classification:** Diffraction

Contribution ID: 115

Type: **not specified**

## **Elastic Scattering at the Totem Experiment**

*Wednesday 7 June 2006 12:35 (10 minutes)*

**Presenter:** KASPAR, Jan (Prague)

**Session Classification:** Diffraction

Contribution ID: **116**

Type: **not specified**

## **Super-leading logarithms in energy-flow observables**

*Thursday 8 June 2006 10:30 (20 minutes)*

**Presenter:** KYRIELEIS, Albrecht (Manchester University)

**Session Classification:** Multi-jet final states and energy flows

Contribution ID: **117**

Type: **not specified**

## **F2ccbar and F2bbbar at HERA**

*Wednesday 7 June 2006 14:00 (30 minutes)*

via VRVS

**Presenter:** THOMPSON, Paul (Birmingham)

**Session Classification:** Heavy Quarks and PDF's (Joint session WG1 and WG3)

Contribution ID: **118**

Type: **not specified**

## **Discussion on heavy Flavour structure functions and PDF's**

*Wednesday 7 June 2006 14:30 (1 hour)*

**Session Classification:** Heavy Quarks and PDF's (Joint session WG1 and WG3)

Contribution ID: 119

Type: **not specified**

## **Heavy Quarks and PDF's (Joint session WG1 and WG3) [Room 40-SS-D01 : see Heavy Quarks agenda]**

*Wednesday 7 June 2006 14:00 (1h 30m)*

**Session Classification:** Parton density functions

Contribution ID: 120

Type: **not specified**

**MC-tools, Multi-Jet Final States and PDF's (Joint session WG1, WG2 and WG5) [Room 40-S2-B01 : see MC-tools agenda]**

*Wednesday 7 June 2006 16:20 (2h 10m)*

**Session Classification:** Parton density functions

Contribution ID: 121

Type: **not specified**

## **Quark hadron duality in production of charmonium and doubly heavy baryons**

*Wednesday 7 June 2006 16:20 (20 minutes)*

**Presenter:** LIKHODED, Anatolii (Moscow)

**Session Classification:** Heavy quarks (charm and beauty)

Contribution ID: 122

Type: **not specified**

## **Quark hadron duality in production of charmonium and doubly heavy baryons**

Contribution ID: 123

Type: **not specified**

## **QEDxQCD Exponentiation and Shower/ME Matching at the LHC**

*Wednesday 7 June 2006 12:15 (20 minutes)*

**Presenter:** YOST, Scott

**Session Classification:** MC - tools

Contribution ID: 124

Type: **not specified**

## **Cosmic Rays and particle production at the LHC**

Contribution ID: 125

Type: **not specified**

## **report from heavy quarks**

*Friday 9 June 2006 09:00 (45 minutes)*

**Session Classification:** Plenary Session Friday

Contribution ID: 126

Type: **not specified**

## **report from diffraction**

*Friday 9 June 2006 09:45 (45 minutes)*

**Session Classification:** Plenary Session Friday

Contribution ID: 127

Type: **not specified**

## **report from mc & tools**

*Friday 9 June 2006 10:45 (45 minutes)*

**Session Classification:** Plenary Session Friday

Contribution ID: 128

Type: **not specified**

## **Cosmic Rays and physics at the LHC**

*Friday 9 June 2006 11:30 (30 minutes)*

**Presenter:** ENGEL, Ralph (FZ Karlsruhe)

**Session Classification:** Plenary Session Friday

Contribution ID: **129**

Type: **not specified**

## **closing of the workshop**

**Presenter:** JUNG, Hannes (DESY)

Contribution ID: **130**

Type: **not specified**

## **closing of the workshop**

*Friday 9 June 2006 12:00 (20 minutes)*

**Presenters:** DE ROECK, Albert (CERN); JUNG, Hannes (DESY)

**Session Classification:** Plenary Session Friday

Contribution ID: **131**

Type: **not specified**

## **CEDAR: HepData, HepML and HepForge**

*Thursday 8 June 2006 11:55 (10 minutes)*

**Presenter:** BUCKLEY, Andy (IPPP, Durham)

**Session Classification:** MC - Tools