

Low x 2010

Report of Contributions

Contribution ID: 0

Type: **not specified**

F2 combinations and PDF fits (HERAPDF 1.0)

Wednesday 23 June 2010 08:30 (20 minutes)

Presenter: SZTUK-DAMBIETZ, Jotlanta

Session Classification: Low x, PDF session I

Contribution ID: 1

Type: **not specified**

Measurement of the longitudinal structure function

Wednesday 23 June 2010 08:50 (25 minutes)

Presenter: KOWALSKI, Henri

Session Classification: Low x, PDF session I

Contribution ID: 2

Type: **not specified**

Small-x Parton Densities and the Ultrahigh Energy Neutrino Cross Sections

Wednesday 23 June 2010 09:15 (20 minutes)

Presenter: SARCEVIC, Ina

Session Classification: Low x, PDF session I

Contribution ID: 4

Type: **not specified**

Next-to-leading order Photon Impact Factor in Deep Inelastic Scattering at small-x

Wednesday 23 June 2010 10:50 (20 minutes)

Presenter: CHIRILLI, Giovanni

Session Classification: Low x, PDF session II

Contribution ID: 5

Type: **not specified**

NLO BFKL with conformal invariance

Wednesday 23 June 2010 11:10 (20 minutes)

Presenter: GRABOVSKY, Andrey

Session Classification: Low x, PDF session II

Contribution ID: 6

Type: **not specified**

Measurements of the proton structure in the electroweak regime at HERA

Wednesday 23 June 2010 11:30 (30 minutes)

Presenter: PLACAKYTE, Ringaile

Session Classification: Low x, PDF session II

Contribution ID: 8

Type: **not specified**

Non-linear evolution in CCFM and the saturation scale

Wednesday 23 June 2010 12:00 (20 minutes)

Presenter: AVSAR, Emil

Session Classification: Low x, PDF session II

Contribution ID: 9

Type: **not specified**

Discussion session: PDFs, FL, QCD fits, NLO BFKL

Wednesday 23 June 2010 12:20 (40 minutes)

Presenter: FERNANDO BARREIRO, ALAN MARTIN, VOICA RADESCU

Session Classification: Low x, PDF session II

Contribution ID: **10**

Type: **not specified**

AdS/CFT for experimentalists

Wednesday 23 June 2010 14:30 (25 minutes)

Presenter: IANCU, Edmond

Session Classification: Low x, PDFs, AdS/CFT session III

Contribution ID: 11

Type: **not specified**

On the difference in pp and ppbar cross sections at high energy

Wednesday 23 June 2010 14:55 (20 minutes)

Presenter: HATTA, Yoshitaka

Session Classification: Low x, PDFs, AdS/CFT session III

Contribution ID: 12

Type: **not specified**

Shock waves and DIS within the gauge/gravity duality

Wednesday 23 June 2010 15:15 (20 minutes)

Presenter: TRIANTAFYLLOPOULOS, Dionysis

Session Classification: Low x, PDFs, AdS/CFT session III

Contribution ID: 13

Type: **not specified**

High energy bounds on total cross sections in N=4 SYM from AdS/CFT

Wednesday 23 June 2010 15:35 (20 minutes)

Presenter: GIORDANO, Matteo

Session Classification: Low x, PDFs, AdS/CFT session III

Contribution ID: 14

Type: **not specified**

Soft photon production from gauge/string duality

Wednesday 23 June 2010 15:55 (20 minutes)

Presenter: UEDA, Takahiro

Session Classification: Low x, PDFs, AdS/CFT session III

Contribution ID: 15

Type: **not specified**

Small x physics at LHeC

Presenter: STASTO, Anna

Contribution ID: 16

Type: **not specified**

A short review on spin physics

Presenter: BADELEK, Barbara

Contribution ID: 17

Type: **not specified**

Discussion session - Low x physics

Wednesday 23 June 2010 17:10 (50 minutes)

Presenter: FERNANDO BARREIRO, ALAN MARTIN, VOICA RADESCU

Session Classification: Low x, PDF session IV

Contribution ID: **18**

Type: **not specified**

Inclusive Diffraction and associated QCD analyses

Thursday 24 June 2010 08:30 (30 minutes)

Presenter: TOMASZEWSKA, Justyna

Session Classification: Diffraction session I

Contribution ID: **19**

Type: **not specified**

New measurements of F2D4 at HERA

Thursday 24 June 2010 09:00 (25 minutes)

Presenter: KAPISHIN, Michael

Session Classification: Diffraction session I

Contribution ID: 20

Type: **not specified**

Soft-gluon rescattering in diffractive DIS

Thursday 24 June 2010 09:25 (20 minutes)

Presenter: PASECHNIK, Roman

Session Classification: Diffraction session I

Contribution ID: 21

Type: **not specified**

Evidence for new phenomena at the LHC?

Thursday 24 June 2010 09:45 (20 minutes)

Presenter: GOTSMAN, Asher

Session Classification: Diffraction session I

Contribution ID: 22

Type: **not specified**

Factorisation tests in diffraction at HERA

Thursday 24 June 2010 10:30 (25 minutes)

Presenter: VALKAROVA, Alice

Session Classification: Diffraction session II

Contribution ID: 23

Type: **not specified**

New measurements on FLD at HERA

Thursday 24 June 2010 10:55 (20 minutes)

Presenter: LAYCOCK, Paul

Session Classification: Diffraction session II

Contribution ID: 24

Type: **not specified**

New diffractive measurements in H1 using the VFPS

Thursday 24 June 2010 11:15 (20 minutes)

Presenter: HREUS, Tomas

Session Classification: Diffraction session II

Contribution ID: 25

Type: **not specified**

Diffraction at CDF and universality of diffractive factorisation breaking

Thursday 24 June 2010 11:35 (30 minutes)

Presenter: GOULIANOS, Dino

Session Classification: Diffraction session II

Contribution ID: 26

Type: **not specified**

Discussion: Diffraction at HERA, Tevatron, factorisation breaking

Thursday 24 June 2010 12:05 (55 minutes)

Presenter: CHRISTINA MESROPIAN, ANTONI SZCZUREK, ALICE VALKAROVA

Session Classification: Diffraction session II

Contribution ID: 27

Type: **not specified**

ATLAS forward physics program

Thursday 24 June 2010 14:30 (25 minutes)

Presenter: HELLER, Matthieu

Session Classification: Diffraction session III

Contribution ID: 28

Type: **not specified**

Quartic anomalous coupling studies at the LHC

Thursday 24 June 2010 14:55 (20 minutes)

Presenter: ROYON, Christophe

Session Classification: Diffraction session III

Contribution ID: 29

Type: **not specified**

Two-photon exclusive production of supersymmetric pairs at the LHC

Thursday 24 June 2010 15:15 (20 minutes)

Presenter: SCHUL, Nicolas

Session Classification: Diffraction session III

Contribution ID: **30**

Type: **not specified**

Merging Soft and Hard Physics at the LHC

Thursday 24 June 2010 15:35 (20 minutes)

Presenter: MARTIN, Alan

Session Classification: Diffraction session III

Contribution ID: 31

Type: **not specified**

Hadron production in collider experiments

Thursday 24 June 2010 15:55 (20 minutes)

Presenter: ROSTOVTSEV, Andrei

Session Classification: Diffraction session III

Contribution ID: 32

Type: **not specified**

Predictions for Possible Odderon Effects in LHC

Thursday 24 June 2010 16:40 (20 minutes)

Presenter: MERINO, Carlos

Session Classification: Diffraction session IV

Contribution ID: 33

Type: **not specified**

The energy dependence of the hard exclusive diffractive processes in pQCD as the function of momentum transfer at HERA and LHC

Thursday 24 June 2010 17:00 (20 minutes)

Presenter: BLOK, Boris

Session Classification: Diffraction session IV

Contribution ID: 35

Type: **not specified**

Discussion session: Diffraction at the LHC (except Higgs), first analyses...

Thursday 24 June 2010 17:40 (50 minutes)

Presenter: CHRISTINA MESROPIAN, ANTONI SZCZUREK, ALICE VALKAROVA

Session Classification: Diffraction session IV

Contribution ID: 36

Type: **not specified**

News on diffractive exclusive Higgs production

Friday 25 June 2010 08:30 (20 minutes)

Presenter: TASEVSKY, Marek

Session Classification: Diffraction session V

Contribution ID: 37

Type: **not specified**

New techniques for diffractive measurements at the LHC

Friday 25 June 2010 08:50 (20 minutes)

Presenter: CAMPANELLI, Mario

Session Classification: Diffraction session V

Contribution ID: **38**

Type: **not specified**

Exclusive diffractive Higgs and Jet production at the LHC in FPMC

Friday 25 June 2010 09:10 (20 minutes)

Presenter: STASZEWSKI, Rafal

Session Classification: Diffraction session V

Contribution ID: 39

Type: **not specified**

Exclusive diffractive production of heavy quarks and background for exclusive Higgs production

Friday 25 June 2010 09:30 (20 minutes)

Presenter: SZCZUREK, Antoni

Session Classification: Diffraction session V

Contribution ID: 40

Type: **not specified**

Leading baryons at HERA

Friday 25 June 2010 09:50 (25 minutes)

Presenter: DODONOV, Vitaliy

Session Classification: Diffraction session V

Contribution ID: 41

Type: **not specified**

Exclusive production of heavy quarks at the LHC

Friday 25 June 2010 10:40 (20 minutes)

Presenter: MACHADO, Magno

Session Classification: Diffractive session VI

Contribution ID: 42

Type: **not specified**

The relation between the Good and Walker and Triple Regge formalisms for diffractive excitation, and a determination of the pomeron coupling

Friday 25 June 2010 11:00 (20 minutes)

Presenter: GUSTAFSON, Gosta

Session Classification: Diffractive session VI

Contribution ID: 43

Type: **not specified**

Vector meson production and DVCS at HERA

Friday 25 June 2010 11:20 (25 minutes)

Presenter: FAZZIO, Salvatore

Session Classification: Diffractive session VI

Contribution ID: 44

Type: **not specified**

Discussion session: Diffraction at LHC, diffractive Higgs...

Friday 25 June 2010 11:45 (1h 15m)

Session Classification: Diffractive session VI

Contribution ID: 45

Type: **not specified**

CGC, Glasma and RHIC

Presenter: MC LERRAN, Larry

Contribution ID: 46

Type: **not specified**

Azimuthal correlations of forward dijets in d+Au collisions at RHIC

Saturday 26 June 2010 08:55 (20 minutes)

Presenter: MARQUET, Cyrille

Session Classification: Final states session I

Contribution ID: 47

Type: **not specified**

Physics of forward jets at CMS

Saturday 26 June 2010 09:15 (25 minutes)

Presenter: BRONA, Grzegorz

Session Classification: Final states session I

Contribution ID: 48

Type: **not specified**

Measurements with jets in DIS and photoproduction at HERA

Saturday 26 June 2010 09:40 (25 minutes)

Session Classification: Final states session I

Contribution ID: 49

Type: **not specified**

Results on jet physics and diffraction from D0

Saturday 26 June 2010 10:30 (30 minutes)

Presenter: BELANGER-CHAMPAGNE, Camille

Session Classification: Final states session II

Contribution ID: 50

Type: **not specified**

Jet results from CDF

Saturday 26 June 2010 11:00 (25 minutes)

Presenter: MESROPIAN, Christina

Session Classification: Final states session II

Contribution ID: 51

Type: **not specified**

Final states in DIPSY

Saturday 26 June 2010 11:25 (20 minutes)

Presenter: FLENSBURG, Christoffer

Session Classification: Final states session II

Contribution ID: 52

Type: **not specified**

Propmt photon photoproduction at HERA with k_T-factorization

Presenter: ZOTOV, Nikolai

Contribution ID: 53

Type: **not specified**

Phenomenology of forward jets at the LHC in high energy factorisation

Presenter: DEAK, Michael

Contribution ID: 54

Type: **not specified**

Discussion session: hadronic final state studies at Tevatron, HERA

Saturday 26 June 2010 12:10 (1h 5m)

Presenter: MARIO CAMPANELLI, GOSTA GUSTAFSON, EDDI DE WOLF

Session Classification: Final states session II

Contribution ID: 55

Type: **not specified**

First jets and QCD results in ATLAS

Saturday 26 June 2010 14:30 (30 minutes)

Presenter: FRANCAVILLA, Paolo

Session Classification: Final states session III

Contribution ID: 56

Type: **not specified**

First jet and QCD results from CMS

Saturday 26 June 2010 15:00 (30 minutes)

Presenter: ANASTASSOV, Anton

Session Classification: Final states session III

Contribution ID: 58

Type: **not specified**

Twist expansion for forward Drell-Yan production at LHC

Presenter: STASTO, Anna

Contribution ID: 59

Type: **not specified**

Charm production at HERA

Presenter: LIBOV, Vladyslav

Contribution ID: **60**

Type: **not specified**

Beauty production at HERA

Saturday 26 June 2010 16:35 (25 minutes)

Presenter: SAUTER, Michel

Session Classification: Final state session IV

Contribution ID: **61**

Type: **not specified**

Spectroscopy and particle production at HERA

Saturday 26 June 2010 17:00 (25 minutes)

Presenter: DE WOLF, Eddi

Session Classification: Final state session IV

Contribution ID: 62

Type: **not specified**

Discussion session: first LHC results, final states at LHC, heavy quarks, particle production

Saturday 26 June 2010 17:45 (45 minutes)

Presenter: MARIO CAMPANELLI, GOSTA GUSTAFSON, EDDI DE WOLF

Session Classification: Final state session IV

Contribution ID: 63

Type: **not specified**

Charm production at HERA

Wednesday 23 June 2010 16:45 (25 minutes)

Presenter: LIBOV, Vladyslav

Session Classification: Low x, PDF session IV

Contribution ID: **64**

Type: **not specified**

Small x physics at LHeC

Presenter: STASTO, Anna

Contribution ID: 65

Type: **not specified**

Operational experience with the very forward calorimeter CASTOR at CMS

Presenter: OCHESANU, Silvia

Contribution ID: **66**

Type: **not specified**

F2 and PDFs

Wednesday 23 June 2010 09:35 (30 minutes)

Presenter: RADESCU, Voica

Session Classification: Low x, PDF session I

Contribution ID: 67

Type: **not specified**

High-energy amplitudes in the next-to-leading order

Wednesday 23 June 2010 10:30 (20 minutes)

Presenter: BALISTKY, Ian

Session Classification: Low x, PDF session II

Contribution ID: 68

Type: **not specified**

Phenomenology of forward jets at the LHC in high energy factorisation

Presenter: MICHAEL DEAK

Contribution ID: **69**

Type: **not specified**

Small x physics at LHeC

Saturday 26 June 2010 11:45 (25 minutes)

Presenter: STASTO, Anna

Session Classification: Final states session II

Contribution ID: 70

Type: **not specified**

A short review on spin physics

Saturday 26 June 2010 08:30 (25 minutes)

Presenter: BADELEK, Barbara

Session Classification: Final states session I

Contribution ID: 71

Type: **not specified**

Simple Features of Saturation Seen in the LHC Data

Thursday 24 June 2010 17:20 (20 minutes)

Presenter: MC LERRAN, Larry

Session Classification: Diffraction session IV

Contribution ID: 72

Type: **not specified**

Phenomenology of forward jets at the LHC in high energy factorisation

Saturday 26 June 2010 15:30 (20 minutes)

Presenter: DEAK, Michael

Session Classification: Final states session III

Contribution ID: 73

Type: **not specified**

Operational experience with the very forward calorimeter CASTOR at CMS

Saturday 26 June 2010 15:50 (20 minutes)

Presenter: OCHESANU, Silvia

Session Classification: Final states session III

Contribution ID: 74

Type: **not specified**

Diffraction at the LHC

Saturday 26 June 2010 17:25 (20 minutes)

Presenter: ORAVA, Risto

Session Classification: Final state session IV