

Low x 2008

Report of Contributions

Contribution ID: 0

Type: **not specified**

Combined F2 and PDF fits from HERA

Primary author: DEVENISH, Robin

Contribution ID: 1

Type: **not specified**

Combined F2 and PDF fits from HERA

Monday, 7 July 2008 09:00 (30 minutes)

Primary author: DEVENISH, Robin (University of Oxford)

Presenter: DEVENISH, Robin (University of Oxford)

Session Classification: Structure function and low x physics I

Contribution ID: 2

Type: **not specified**

Ambiguities of low-x evolution equations at NLO

Monday, 7 July 2008 09:30 (20 minutes)

Primary author: FADIN, Victor

Presenter: FADIN, Victor

Session Classification: Structure function and low x physics I

Contribution ID: 3

Type: **not specified**

Evidence for Improved BFKL Behaviour from HERA

Primary author: ROSS, Douglas

Contribution ID: 4

Type: **not specified**

PDF uncertainties with Monte Carlo method

Monday, 7 July 2008 09:50 (20 minutes)

Primary author: RADESCU, Voica

Presenter: RADESCU, Voica

Session Classification: Structure function and low x physics I

Contribution ID: 5

Type: **not specified**

Gluon Correlations in small-x evolution

Monday, 7 July 2008 10:10 (20 minutes)

Primary author: AVSAR, Emil

Presenter: AVSAR, Emil

Session Classification: Structure function and low x physics I

Contribution ID: 6

Type: **not specified**

QCD and statistical physics - Stephane Munier

Primary author: MUNIER, Stephane

Contribution ID: 7

Type: **not specified**

FL measurements at low x

Monday, 7 July 2008 11:00 (30 minutes)

Primary author: DUBAK, Ana

Presenter: DUBAK, Ana

Session Classification: Structure function and low x physics I

Contribution ID: 8

Type: **not specified**

Discussion session: PDFs, low x, FL.... - R. Devenish, D. Ross. , JR Cudell

Monday, 7 July 2008 12:10 (1h 5m)

Session Classification: Structure function and low x physics I

Contribution ID: 9

Type: **not specified**

Next leading order evolution of color dipole

Primary author: CHIRILLI, Giovanni Antonio

Contribution ID: **10**

Type: **not specified**

Scaling studies

Monday, 7 July 2008 14:30 (20 minutes)

Primary author: BEUF, Guillaume

Presenter: BEUF, Guillaume

Session Classification: Structure function and low x physics II

Contribution ID: 11

Type: **not specified**

Systematic Analysis of Scaling Properties in Deep Inelastic Scattering

Monday, 7 July 2008 14:50 (20 minutes)

Primary author: SALEK, David

Presenter: SALEK, David

Session Classification: Structure function and low x physics II

Contribution ID: 12

Type: **not specified**

Geometric scaling from DGLAP evolution

Monday, 7 July 2008 15:10 (20 minutes)

Primary author: CAOLA, Fabrizio

Presenter: CAOLA, Fabrizio

Session Classification: Structure function and low x physics II

Contribution ID: 13

Type: **not specified**

Forward jets at HERA and Mueller Navelet jets at the Tevatron

Primary author: ROYON, Christophe

Contribution ID: 14

Type: **not specified**

NLO BFKL in $\gamma^* \gamma^*$ collisions

Monday, 7 July 2008 15:30 (20 minutes)

Primary author: PAPA, Alessandro

Presenter: PAPA, Alessandro

Session Classification: Structure function and low x physics II

Contribution ID: 15

Type: **not specified**

Two-loop calculations with massive quarks

Monday, 7 July 2008 15:50 (20 minutes)

Primary author: KIDONAKIS, Nikolaos

Presenter: KIDONAKIS, Nikolaos

Session Classification: Structure function and low x physics II

Contribution ID: 16

Type: **not specified**

Characteristic scales in the dipole approximation in QCD for very high energies

Monday, 7 July 2008 16:10 (20 minutes)

Primary author: BLOK, Boris

Presenter: BLOK, Boris

Session Classification: Structure function and low x physics II

Contribution ID: 17

Type: **not specified**

Discussion session: PDFs, low x, FL, saturation.... - R. Devenish, D. Ross. , JR Cudell

Monday, 7 July 2008 17:00 (1h 30m)

Session Classification: Structure function and low x physics II

Contribution ID: 18

Type: **not specified**

Recent Heavy-Ion Results from RHIC and evidence for a new state of matter

Tuesday, 8 July 2008 09:00 (30 minutes)

Primary author: CAINES, Helen

Presenter: CAINES, Helen

Session Classification: Low x, AdS CFT, RHIC session I

Contribution ID: 19

Type: **not specified**

Saturation and phase transitions in DIS and in heavy ion collisions

Tuesday, 8 July 2008 09:30 (20 minutes)

Primary author: JENKOVSZKY, Laszlo

Presenter: JENKOVSZKY, Laszlo

Session Classification: Low x, AdS CFT, RHIC session I

Contribution ID: 20

Type: **not specified**

Hydrodynamical description of heavy-ion-collisions

Tuesday, 8 July 2008 09:50 (20 minutes)

Primary author: SARIDAKIS, Emmanuel

Presenter: SARIDAKIS, Emmanuel

Session Classification: Low x, AdS CFT, RHIC session I

Contribution ID: 21

Type: **not specified**

Introduction to AdS/CFT for QCD and QGP problems

Tuesday, 8 July 2008 10:40 (20 minutes)

Primary author: PESCHANSKI, Robi

Presenter: PESCHANSKI, Robi

Session Classification: Low x, AdS CFT, RHIC session I

Contribution ID: 22

Type: **not specified**

Low-x physics at strong coupling from AdS/CFT

Tuesday, 8 July 2008 11:00 (20 minutes)

Primary author: IANCU, Edmond

Presenter: IANCU, Edmond

Session Classification: Low x, AdS CFT, RHIC session I

Contribution ID: 23

Type: **not specified**

AdS in high energy and heavy ion physics

Tuesday, 8 July 2008 11:20 (20 minutes)

Primary author: MUELLER, Al

Presenter: MUELLER, Al

Session Classification: Low x, AdS CFT, RHIC session I

Contribution ID: 24

Type: **not specified**

Heavy quark energy loss in finite length SYM Plasma

Tuesday, 8 July 2008 11:40 (20 minutes)

Primary author: MARQUET, Cyrille

Presenter: MARQUET, Cyrille

Session Classification: Low x, AdS CFT, RHIC session I

Contribution ID: 25

Type: **not specified**

Jet fragmentation at strong coupling

Tuesday, 8 July 2008 12:00 (20 minutes)

Primary author: HATTA, Yoshitaka

Presenter: HATTA, Yoshitaka

Session Classification: Low x, AdS CFT, RHIC session I

Contribution ID: 26

Type: **not specified**

Bern-Dixon-Smirnov amplitudes in N=4 SUSY

Tuesday, 8 July 2008 12:20 (20 minutes)

Primary author: BARTELS, Jochen

Presenter: BARTELS, Jochen

Session Classification: Low x, AdS CFT, RHIC session I

Contribution ID: 27

Type: **not specified**

NNL corrections to the BFKL equation and Bern-Dixon-Smirnov amplitudes in N=4 SUSY

Tuesday, 8 July 2008 12:40 (20 minutes)

Primary author: LIPATOV, Lev

Presenter: LIPATOV, Lev

Session Classification: Low x, AdS CFT, RHIC session I

Contribution ID: 28

Type: **not specified**

The effect of small x resummations in global parton fits

Tuesday, 8 July 2008 14:20 (20 minutes)

Primary author: WHITE, Chris

Presenter: WHITE, Chris

Session Classification: Low x, AdS CFT, RHIC session II

Contribution ID: 29

Type: **not specified**

Discussion session: AdS/CFT, RHIC - A. Mueller, R. Peschanski, H. Caines

Tuesday, 8 July 2008 14:40 (1h 20m)

Session Classification: Low x, AdS CFT, RHIC session II

Contribution ID: **30**

Type: **not specified**

Heavy flavours (c+b) at HERA

Tuesday, 8 July 2008 16:30 (30 minutes)

Primary author: SCHOENBERG, Verena

Presenter: SCHOENBERG, Verena

Session Classification: Vector meson and final state session

Contribution ID: 31

Type: **not specified**

Vector meson production and DVCS at HERA

Tuesday, 8 July 2008 17:00 (30 minutes)

Primary author: SZUBA, Dorota

Presenter: SZUBA, Dorota

Session Classification: Vector meson and final state session

Contribution ID: 32

Type: **not specified**

Vector mesons and DVCS in the Dipole Cascade Picture

Tuesday, 8 July 2008 17:30 (20 minutes)

Primary author: LONNBLAD, Leif

Presenter: LONNBLAD, Leif

Session Classification: Vector meson and final state session

Contribution ID: 33

Type: **not specified**

Spectroscopy and Particle Production (including strangeness)

Tuesday, 8 July 2008 17:50 (30 minutes)

Primary author: NIEBUHR, Carsten

Presenter: NIEBUHR, Carsten

Session Classification: Vector meson and final state session

Contribution ID: 35

Type: **not specified**

Diffractive Jets and Factorisation issues

Wednesday, 9 July 2008 09:30 (30 minutes)

Primary author: VALKAROVA, Alice

Presenter: VALKAROVA, Alice

Session Classification: Diffractive session I

Contribution ID: 36

Type: **not specified**

Diffraction and Exclusive Production of Dijets and W/Z at CDF

Wednesday, 9 July 2008 10:00 (30 minutes)

Primary author: GOULIANOS, Dino

Presenter: GOULIANOS, Dino

Session Classification: Diffraction session I

Contribution ID: 37

Type: **not specified**

Exclusive production of dijets at the Tevatron

Wednesday, 9 July 2008 11:00 (20 minutes)

Primary author: CUDELL, Jean-Rene

Presenter: CUDELL, Jean-Rene

Session Classification: Diffractive session I

Contribution ID: **38**

Type: **not specified**

Central exclusive Higgs boson production at the LHC

Wednesday, 9 July 2008 11:20 (30 minutes)

Primary author: PILKINGTON, Andrew

Presenter: PILKINGTON, Andrew

Session Classification: Diffractive session I

Contribution ID: 39

Type: **not specified**

Exclusive Higgs production in $b\bar{b}$

Wednesday, 9 July 2008 11:50 (20 minutes)

Primary author: JURANEK, Vojtech

Presenter: JURANEK, Vojtech

Session Classification: Diffractive session I

Contribution ID: 40

Type: **not specified**

Discussion session: Diffraction - J. Bartels, B. Loehr, A. Valkarova, C. Royon

Wednesday, 9 July 2008 12:10 (1h 5m)

Session Classification: Diffractive session I

Contribution ID: 41

Type: **not specified**

Leading Baryons

Wednesday, 9 July 2008 14:20 (30 minutes)

Primary author: BRUNI, Graziano

Presenter: BRUNI, Graziano

Session Classification: Diffractive session II

Contribution ID: 42

Type: **not specified**

Exclusive production of photon pairs, lepton pairs, J/Psi, Psi-prime and Upsilon at CDF

Wednesday, 9 July 2008 14:50 (20 minutes)

Primary author: PINFOLD, James

Presenter: PINFOLD, James

Session Classification: Diffractive session II

Contribution ID: 43

Type: **not specified**

ALFA in ATLAS

Wednesday, 9 July 2008 15:10 (20 minutes)

Primary author: SYKORA, Tomas

Presenter: SYKORA, Tomas

Session Classification: Diffractive session II

Contribution ID: 44

Type: **not specified**

The AFP project in ATLAS

Wednesday, 9 July 2008 15:30 (20 minutes)

Primary author: TASEVSKY, Marek

Presenter: TASEVSKY, Marek

Session Classification: Diffractive session II

Contribution ID: 45

Type: **not specified**

Low mass diffraction at the LHC

Wednesday, 9 July 2008 16:20 (20 minutes)

Primary author: ORAVA, Risto

Presenter: ORAVA, Risto

Session Classification: Diffractive session II

Contribution ID: 46

Type: **not specified**

Photon interactions at the LHC

Wednesday, 9 July 2008 16:40 (20 minutes)

Primary author: ROUBY, Xavier

Presenter: ROUBY, Xavier

Session Classification: Diffractive session II

Contribution ID: 47

Type: **not specified**

Single top photoproduction at the LHC

Wednesday, 9 July 2008 17:00 (20 minutes)

Primary author: DE FAVEREAU, Jerome

Presenter: DE FAVEREAU, Jerome

Session Classification: Diffractive session II

Contribution ID: 48

Type: **not specified**

Physics with tagged forward protons using the STAR detector at RHIC

Wednesday, 9 July 2008 17:20 (20 minutes)

Primary author: BUELTMAN, Stephen

Presenter: BUELTMAN, Stephen

Session Classification: Diffractive session II

Contribution ID: 49

Type: **not specified**

Discussion session: Diffraction - J. Bartels, B. Loehr, A. Valkarova, C. Royon

Wednesday, 9 July 2008 17:40 (1h 20m)

Session Classification: Diffractive session II

Contribution ID: 50

Type: **not specified**

Spectroscopy, mass rules and hadron structure

Primary author: PALAZZI, Paolo

Contribution ID: 51

Type: **not specified**

Low-x physics at a future electron-ion collider facility

Thursday, 10 July 2008 09:00 (25 minutes)

Primary author: SURROW, Bernd

Presenter: SURROW, Bernd

Session Classification: Hadronic final state session I

Contribution ID: 52

Type: **not specified**

Jet cross sections and α_S at HERA

Thursday, 10 July 2008 09:25 (30 minutes)

Primary author: BAGHDASARYAN, Artem

Presenter: BAGHDASARYAN, Artem

Session Classification: Hadronic final state session I

Contribution ID: 53

Type: **not specified**

Underlying-Event Models in Herwig and Pythia

Thursday, 10 July 2008 12:00 (30 minutes)

Primary author: SKANDS, Peter

Presenter: SKANDS, Peter

Session Classification: Hadronic final state session I

Contribution ID: 54

Type: **not specified**

Recent QCD results at D0

Thursday, 10 July 2008 11:00 (30 minutes)

Primary author: LINCOLN, Don

Presenter: LINCOLN, Don

Session Classification: Hadronic final state session I

Contribution ID: 55

Type: **not specified**

Jets in CDF

Thursday, 10 July 2008 11:30 (30 minutes)

Primary author: CAMPANELLI, Mario

Presenter: CAMPANELLI, Mario

Session Classification: Hadronic final state session I

Contribution ID: 56

Type: **not specified**

PDF constraints at the LHC

Thursday, 10 July 2008 10:40 (20 minutes)

Primary author: CHEVALLIER, Florent

Presenter: CHEVALLIER, Florent

Session Classification: Hadronic final state session I

Contribution ID: 57

Type: **not specified**

Predictions for Higgs and multijet using BFKL amplitudes

Thursday, 10 July 2008 09:55 (20 minutes)

Primary author: ANDERSEN, Jeppe

Presenter: ANDERSEN, Jeppe

Session Classification: Hadronic final state session I

Contribution ID: 58

Type: **not specified**

Discussion session: Hadronic final states - G. Gustafson, L. Loennblad, P. Skands

Thursday, 10 July 2008 12:30 (45 minutes)

Session Classification: Hadronic final state session I

Contribution ID: 59

Type: **not specified**

Discussion session: Hadronic final states - G. Gustafson, L. Loennblad, P. Skands

Thursday, 10 July 2008 14:30 (1h 30m)

Session Classification: Hadronic final state session II

Contribution ID: 60

Type: **not specified**

Forward jets at HERA and Mueller Navelet jets at the Tevatron

Monday, 7 July 2008 11:30 (20 minutes)

Presenter: ROYON, Christophe

Session Classification: Structure function and low x physics I

Contribution ID: 61

Type: **not specified**

Next leading order evolution of color dipole

Monday, 7 July 2008 11:50 (20 minutes)

Presenter: CHIRILLI, Giovanni Antonio

Session Classification: Structure function and low x physics I

Contribution ID: 62

Type: **not specified**

Spectroscopy, mass rules and hadron structure

Monday, 7 July 2008 18:30 (30 minutes)

Presenter: PALAZZI, Paolo

Session Classification: Structure function and low x physics II

Contribution ID: **63**

Type: **not specified**

Results on inclusive diffraction from HERA

Wednesday, 9 July 2008 09:00 (30 minutes)

Primary author: LOEHR, Bernd

Presenter: LOEHR, Bernd

Session Classification: Diffractive session I