

12th International Conference on Elastic and Diffractive Scattering - Forward Physics and QCD

Report of Contributions

Contribution ID: 0

Type: **not specified**

Central production of new physics

Monday 21 May 2007 09:30 (30 minutes)

Presenter: J FORSHAW

Session Classification: pp and ppbar collisions

Contribution ID: 1

Type: **not specified**

CDF results

Monday 21 May 2007 10:00 (30 minutes)

Presenter: GOULIANOS, K

Session Classification: pp and ppbar collisions

Contribution ID: 2

Type: **not specified**

Prospects for diffraction at the LHC

Tuesday 22 May 2007 14:00 (25 minutes)

Presenter: DE ROECK, A

Session Classification: pp and ppbar collisions

Contribution ID: 3

Type: **not specified**

Prospects for proton tagging at high luminosities at the LHC

Monday 21 May 2007 11:00 (25 minutes)

Presenter: M TASEVSKY

Session Classification: pp and ppbar collisions

Contribution ID: 4

Type: **not specified**

Prospects at the LHC for forward energy flow and low-x physics

Monday 21 May 2007 11:45 (25 minutes)

Presenter: A HAMILTON

Session Classification: pp and ppbar collisions

Contribution ID: 5

Type: **not specified**

Diffractive physics in ALICE

Monday 21 May 2007 12:10 (20 minutes)

Presenter: R SCHICKER

Session Classification: pp and ppbar collisions

Contribution ID: 6

Type: **not specified**

How can the odderon be detected at RHIC and LHC?

Monday 21 May 2007 12:30 (25 minutes)

Presenter: B NICOLESCU

Session Classification: pp and ppbar collisions

Contribution ID: 7

Type: **not specified**

Overview of RHIC Physics

Monday 21 May 2007 14:30 (25 minutes)

Presenter: A STASTO

Session Classification: Theoretical developments

Contribution ID: 8

Type: **not specified**

Connections between high-energy QCD and statistical physics

Monday 21 May 2007 16:15 (25 minutes)

Presenter: S MUNIER

Session Classification: Theoretical developments

Contribution ID: 9

Type: **not specified**

Nonlinear QCD at high energies

Tuesday 22 May 2007 17:10 (20 minutes)

Presenter: E LEVIN

Session Classification: Theoretical developments

Contribution ID: **10**

Type: **not specified**

Pomeron loops in high density QCD evolution

Monday 21 May 2007 16:40 (25 minutes)

Presenter: A SHOSHI

Session Classification: Theoretical developments

Contribution ID: 11

Type: **not specified**

Nuclear shadowing and collisions of heavy ions

Monday 21 May 2007 14:55 (25 minutes)

Presenter: A Kaidalov

Session Classification: Theoretical developments

Contribution ID: 12

Type: **not specified**

High-energy scattering and Euclidean-Minkowskian duality

Monday 21 May 2007 17:05 (25 minutes)

Presenter: E MEGGIOLARO

Session Classification: Theoretical developments

Contribution ID: 13

Type: **not specified**

MHV rules, supersymmetry and diffractive Higgs

Monday 21 May 2007 17:30 (20 minutes)

Presenter: V KHOZE

Session Classification: Theoretical developments

Contribution ID: 14

Type: **not specified**

Forward Physics with BRAHMS in pp and dAu collisions at RHIC

Tuesday 22 May 2007 09:00 (30 minutes)

Presenter: D ROEHRICH

Session Classification: Heavy-ion collisions

Contribution ID: 15

Type: **not specified**

Manifestations of gluon saturation at RHIC

Tuesday 22 May 2007 09:30 (30 minutes)

Presenter: J ALBACETE

Session Classification: Heavy-ion collisions

Contribution ID: **16**

Type: **not specified**

Electroproduction of vector mesons

Tuesday 22 May 2007 10:30 (25 minutes)

Presenter: A LEVY

Session Classification: Lepton-proton collisions

Contribution ID: 17

Type: **not specified**

DVCS and Exclusive Vector Meson Production at HERMES

Tuesday 22 May 2007 10:55 (25 minutes)

Presenter: R FABBRI

Session Classification: Lepton-proton collisions

Contribution ID: **18**

Type: **not specified**

Exclusive vector meson electroproduction

Tuesday 22 May 2007 11:45 (25 minutes)

Presenter: D IVANOV

Session Classification: Lepton-proton collisions

Contribution ID: **19**

Type: **not specified**

Towards a fitting procedure for DVCS at next-to-leading order and beyond

Tuesday 22 May 2007 11:20 (25 minutes)

Presenter: K PASSEK-KUMERICKI

Session Classification: Lepton-proton collisions

Contribution ID: 20

Type: **not specified**

Photo and Electroproduction of vector mesons

Tuesday 22 May 2007 12:10 (20 minutes)

Presenter: E FERREIRA

Session Classification: Lepton-proton collisions

Contribution ID: **21**

Type: **not specified**

Multiple interactions

Tuesday 22 May 2007 14:25 (30 minutes)

Presenter: G GUSTAFSON

Session Classification: pp and ppbar collisions

Contribution ID: 22

Type: **not specified**

Multiple interactions and AGK rules in pQCD

Tuesday 22 May 2007 14:55 (25 minutes)

Presenter: SALVADORE, M

Session Classification: pp and ppbar collisions

Contribution ID: 23

Type: **not specified**

Prospects at the LHC for multiple interactions and forward physics

Tuesday 22 May 2007 15:20 (25 minutes)

Presenter: L FANO'

Session Classification: pp and ppbar collisions

Contribution ID: 24

Type: **not specified**

Elastic scattering, total cross section and luminosity measurements at ATLAS

Tuesday 22 May 2007 15:45 (20 minutes)

Presenter: C SBARRA

Session Classification: pp and ppbar collisions

Contribution ID: 25

Type: **not specified**

Total cross section measurement and diffractive physics with Totem

Monday 21 May 2007 11:25 (20 minutes)

Presenter: M DEILE

Session Classification: pp and ppbar collisions

Contribution ID: 26

Type: **not specified**

Vector meson electroproduction within GPD approach

Tuesday 22 May 2007 16:30 (20 minutes)

Presenter: S GOLOSKOKOV

Session Classification: Diffraction in ep and e+e- collisions

Contribution ID: 27

Type: **not specified**

On the limitations of the color dipole picture

Tuesday 22 May 2007 16:50 (20 minutes)

Presenter: C EWERZ

Session Classification: Diffraction in ep and e+e- collisions

Contribution ID: 28

Type: **not specified**

What is measured in hard exclusive processes?

Tuesday 22 May 2007 17:10 (20 minutes)

Presenter: J LONDERGAN

Session Classification: Diffraction in ep and e+e- collisions

Contribution ID: 29

Type: **not specified**

A Regge-pole model for DVCS

Tuesday 22 May 2007 17:30 (20 minutes)

Presenter: JENKOVSKY, L

Session Classification: Diffraction in ep and e+e- collisions

Contribution ID: **30**

Type: **not specified**

Glue drops inside hadrons

Tuesday 22 May 2007 17:50 (20 minutes)

Presenter: B POVH

Session Classification: Diffraction in ep and e+e- collisions

Contribution ID: 31

Type: **not specified**

QCD factorization in $\gamma^* \gamma^* \rightarrow \rho \rho$

Tuesday 22 May 2007 18:10 (20 minutes)

Presenter: S WALLON

Session Classification: Diffraction in ep and e+e- collisions

Contribution ID: 32

Type: **not specified**

QCD analysis of diffractive processes, implications for LHC

Tuesday 22 May 2007 16:30 (20 minutes)

Presenter: L SCHOEFFEL

Session Classification: Diffraction in pp and ppbar collisions

Contribution ID: 33

Type: **not specified**

Exclusive DPE production at the Tevatron and the LHC

Tuesday 22 May 2007 16:50 (20 minutes)

Presenter: O KEPKA

Session Classification: Diffraction in pp and ppbar collisions

Contribution ID: 34

Type: **not specified**

Diffraction production of quarkonia and Higgs boson

Tuesday 22 May 2007 17:10 (20 minutes)

Presenter: A SZCZUREK

Session Classification: Diffraction in pp and ppbar collisions

Contribution ID: 35

Type: **not specified**

Exclusive J/psi and Upsilon hadroproduction as a probe of the QCD odderon

Tuesday 22 May 2007 18:10 (20 minutes)

Presenter: L SZYMANOWSKI

Session Classification: Diffraction in pp and ppbar collisions

Contribution ID: 36

Type: **not specified**

Rapidity gaps in pp \rightarrow pp H and gamma p \rightarrow VM+gap at large t

Tuesday 22 May 2007 17:30 (20 minutes)

Presenter: M STRIKMAN

Session Classification: Diffraction in pp and ppbar collisions

Contribution ID: 37

Type: **not specified**

Saturation effects in elastic scattering at the LHC

Tuesday 22 May 2007 17:50 (20 minutes)

Presenter: O SELYUGIN

Session Classification: Elastic pp and ppbar scattering

Contribution ID: **38**

Type: **not specified**

pp Elastic Scattering at LHC in a Nucleon-Structure Model

Tuesday 22 May 2007 16:50 (20 minutes)

Presenter: M ISLAM

Session Classification: Elastic pp and ppbar scattering

Contribution ID: 39

Type: **not specified**

Reconstruction procedures for full set of helicity amplitudes in elastic proton-proton and proton-antiproton collisions (cancelled)

Tuesday 22 May 2007 17:10 (20 minutes)

Presenter: V OKOROKOV

Session Classification: Elastic pp and ppbar scattering

Contribution ID: 40

Type: **not specified**

To the theory of high-energy nucleon collisions

Tuesday 22 May 2007 17:30 (20 minutes)

Presenter: V KUNDRAT

Session Classification: Elastic pp and ppbar scattering

Contribution ID: 41

Type: **not specified**

The soft and the hard pomerons : elastic scattering and unitarisation

Tuesday 22 May 2007 16:30 (20 minutes)

Presenter: J-R CUDELL

Session Classification: Elastic pp and ppbar scattering

Contribution ID: 42

Type: **not specified**

Elastic pp and ppbar scattering in the models of unitarized pomeron

Tuesday 22 May 2007 18:10 (20 minutes)

Presenter: Y MARTYNOV

Session Classification: Elastic pp and ppbar scattering

Contribution ID: 43

Type: **not specified**

Unintegrated parton distribution functions

Tuesday 22 May 2007 16:50 (20 minutes)

Presenter: A STASTO

Session Classification: Theoretical developments

Contribution ID: 44

Type: **not specified**

Toy model in Reggeon field theory

Tuesday 22 May 2007 17:30 (20 minutes)

Presenter: G P VACCA

Session Classification: Theoretical developments

Contribution ID: 45

Type: **not specified**

NLO jet production in kT factorization

Monday 21 May 2007 15:20 (25 minutes)

Presenter: F SCHWENNSEN

Session Classification: Theoretical developments

Contribution ID: 46

Type: **not specified**

BFKL at NNLO

Tuesday 22 May 2007 16:30 (20 minutes)

Presenter: S MARZANI

Session Classification: Theoretical developments

Contribution ID: 47

Type: **not specified**

The Reggeon->2 Reggeons+Particle Vertex in the Lipatov effective action formalism

Tuesday 22 May 2007 17:50 (20 minutes)

Presenter: M BRAUN

Session Classification: Theoretical developments

Contribution ID: 48

Type: **not specified**

Total gluon shadowing due to fluctuation effects

Tuesday 22 May 2007 18:10 (20 minutes)

Presenter: M KOZLOV

Session Classification: Theoretical developments

Contribution ID: 49

Type: **not specified**

The coordinate representation of NLO BFKL and the dipole picture

Wednesday 23 May 2007 09:00 (20 minutes)

Presenter: V FADIN

Session Classification: Theoretical developments

Contribution ID: 50

Type: **not specified**

Angular decorrelations in Mueller-Navelet jets and DIS

Wednesday 23 May 2007 09:20 (20 minutes)

Presenter: A SABIO VERA

Session Classification: Theoretical developments

Contribution ID: 51

Type: **not specified**

Breakdown of QCD coherence?

Wednesday 23 May 2007 09:40 (20 minutes)

Presenter: M SEYMOUR

Session Classification: Theoretical developments

Contribution ID: 52

Type: **not specified**

Introduction to cross section measurements using extensive air showers

Wednesday 23 May 2007 10:30 (20 minutes)

Presenter: R ULRICH

Session Classification: Cosmic rays and astroparticle physics

Contribution ID: 53

Type: **not specified**

Measuring proton-air Inelastic Cross-Section using Cosmic Ray Data.

Wednesday 23 May 2007 10:50 (20 minutes)

Presenter: K BELOV

Session Classification: Cosmic rays and astroparticle physics

Contribution ID: 54

Type: **not specified**

Measurement of the proton-air cross section with EAS-TOP

Wednesday 23 May 2007 11:10 (20 minutes)

Presenter: G C TRINCHERO

Session Classification: Cosmic rays and astroparticle physics

Contribution ID: 55

Type: **not specified**

Percolation and high energy cosmic rays above 10^{17} eV

Wednesday 23 May 2007 11:30 (20 minutes)

Presenter: J ALVAREZ-MUNIZ

Session Classification: Cosmic rays and astroparticle physics

Contribution ID: 56

Type: **not specified**

Physics and predictions of the EPOS model

Wednesday 23 May 2007 11:50 (20 minutes)

Presenter: WERNER, K

Session Classification: Cosmic rays and astroparticle physics

Contribution ID: 57

Type: **not specified**

LHCf: a LHC Detector for Astroparticle Physics

Wednesday 23 May 2007 12:10 (20 minutes)

Presenter: A TRICOMI

Session Classification: Cosmic rays and astroparticle physics

Contribution ID: 58

Type: **not specified**

Measurement of the cross section and the single transverse spin asymmetry in very forward neutron production from polarized pp collisions at RHIC

Thursday 24 May 2007 09:00 (25 minutes)

Presenter: M TOGAWA

Session Classification: Heavy-ion collisions

Contribution ID: 59

Type: **not specified**

Gluon saturation: from pp to AA

Thursday 24 May 2007 09:25 (25 minutes)

Presenter: A KOVNER

Session Classification: Heavy-ion collisions

Contribution ID: **60**

Type: **not specified**

Ultrapерipheral collisions at RHIC

Thursday 24 May 2007 09:50 (25 minutes)

Presenter: J NYSTRAND

Session Classification: Heavy-ion collisions

Contribution ID: **61**

Type: **not specified**

Fractional energy losses in the black disk regime and BRAHMS effect

Thursday 24 May 2007 10:15 (25 minutes)

Presenter: M STRIKMAN

Session Classification: Heavy-ion collisions

Contribution ID: 62

Type: **not specified**

The coherent inelastic processes on nuclei at ultrarelativistic energies

Thursday 24 May 2007 10:40 (20 minutes)

Presenter: V V LYUBOSHITZ

Session Classification: Heavy-ion collisions

Contribution ID: 63

Type: **not specified**

BFKL equation and anomalous dimensions in N=4 SUSY

Thursday 24 May 2007 11:30 (20 minutes)

Presenter: L LIPATOV

Session Classification: Theoretical developments

Contribution ID: 64

Type: **not specified**

QCD anomalous dimensions made simple(r)

Thursday 24 May 2007 11:50 (20 minutes)

Presenter: G MARCHESINI

Session Classification: Theoretical developments

Contribution ID: 65

Type: **not specified**

QCD and string theory

Thursday 24 May 2007 12:10 (20 minutes)

Presenter: C GOMEZ

Session Classification: Theoretical developments

Contribution ID: 66

Type: **not specified**

Low Q² Structure Functions

Thursday 24 May 2007 14:00 (20 minutes)

Presenter: J KRETZSCHMAR

Session Classification: Lepton-proton collisions

Contribution ID: 67

Type: **not specified**

Status of Deeply Inelastic Parton Distributions

Thursday 24 May 2007 14:20 (25 minutes)

Presenter: J BLUEMLEIN

Session Classification: Lepton-proton collisions

Contribution ID: 68

Type: **not specified**

Diffraction PDFs

Thursday 24 May 2007 14:45 (20 minutes)

Presenter: P LAYCOCK

Session Classification: Lepton-proton collisions

Contribution ID: 69

Type: **not specified**

Diffraction parton distributions: the role of the perturbative Pomeron

Thursday 24 May 2007 16:25 (25 minutes)

Presenter: M RYSKIN

Session Classification: Lepton-proton collisions

Contribution ID: 70

Type: **not specified**

Diffraction structure function FLD from fits with higher twist

Thursday 24 May 2007 16:00 (25 minutes)

Presenter: K GOLEC-BIERNAT

Session Classification: Lepton-proton collisions

Contribution ID: 71

Type: **not specified**

Factorisation breaking in diffraction, including leading baryons

Thursday 24 May 2007 15:05 (25 minutes)

Presenter: A BONATO

Session Classification: Lepton-proton collisions

Contribution ID: 72

Type: **not specified**

Multiple interactions at H1 and ZEUS

Thursday 24 May 2007 16:50 (20 minutes)

Presenter: T NAMSOO

Session Classification: Lepton-proton collisions

Contribution ID: 73

Type: **not specified**

Diffractional neutral pion production, chiral symmetry and the odderon

Thursday 24 May 2007 17:10 (20 minutes)

Presenter: O NACHTMANN

Session Classification: Lepton-proton collisions

Contribution ID: 74

Type: **not specified**

Low x and diffractive physics at future electron-proton/ion colliders

Friday 25 May 2007 09:00 (30 minutes)

Presenter: H KOWALSKI

Session Classification: Opportunities at future colliders

Contribution ID: 75

Type: **not specified**

Opportunities in low-x physics at a future electron-proton/ion (EIC) collider facility

Friday 25 May 2007 09:30 (30 minutes)

Presenter: B SURROW

Session Classification: Opportunities at future colliders

Contribution ID: 76

Type: **not specified**

LHeC: an unprecedented probe of hadronic dynamics

Friday 25 May 2007 10:00 (30 minutes)

Presenter: J DANTON

Session Classification: Opportunities at future colliders

Contribution ID: 77

Type: **not specified**

Prospects at ILC

Friday 25 May 2007 10:30 (30 minutes)

Presenter: S WALLON

Session Classification: Opportunities at future colliders

Contribution ID: 79

Type: **not specified**

Experiment

Friday 25 May 2007 11:30 (40 minutes)

Presenter: H ABRAMOWICZ

Session Classification: Summary talks

Contribution ID: **80**

Type: **not specified**

Theory

Friday 25 May 2007 12:10 (40 minutes)

Presenter: K GOLEC-BIERNAT

Session Classification: Summary talks

Contribution ID: **81**

Type: **not specified**

Closing of the Workshop

Friday 25 May 2007 12:50 (10 minutes)

Session Classification: Summary talks

Contribution ID: 83

Type: **not specified**

Pomeron intercept and slope: the QCD connection

Tuesday 22 May 2007 17:50 (20 minutes)

Presenter: GOULIANOS, K

Session Classification: Diffraction in pp and ppbar collisions