

**EDS Blois 2013: The 15th
conference on Elastic and
Diffractive scattering**

Report of Contributions

Contribution ID: 0

Type: **not specified**

TOTEM Results on Elastic Scattering and Total Cross-Section

Monday 9 September 2013 09:30 (30 minutes)

Presenter: KASPAR, Jan (CERN)

Session Classification: Elastic and total cross section

Contribution ID: 1

Type: **not specified**

Proton Structure and Elastic Scattering Amplitudes

Monday 9 September 2013 10:00 (20 minutes)

Presenter: DREMIN, Igor (Russian Academy of Sciences (RU))

Session Classification: Elastic and total cross section

Contribution ID: 2

Type: **not specified**

pp Elastic Amplitudes in t and b Spaces

Monday 9 September 2013 10:20 (20 minutes)

Presenter: KOHARA, Anderson Kendi

Session Classification: Elastic and total cross section

Contribution ID: 3

Type: **not specified**

Performances of the ATLAS/ALFA Roman Pots System

Monday 9 September 2013 11:10 (20 minutes)

Presenter: ABDEL KHALEK, Samah (Universite de Paris-Sud 11 (FR))

Session Classification: Elastic and total cross section

Contribution ID: 4

Type: **not specified**

High-Energy pp Elastic Scattering in Condensate-Enclosed Chiral-Bag Model and TOTEM Elastic Measurements at LHC at 7 TeV

Monday 9 September 2013 11:30 (20 minutes)

Presenter: ISLAM, Munir

Session Classification: Elastic and total cross section

Contribution ID: 5

Type: **not specified**

Identifying the Elastic and Inelastic, Diffractive and Non-diffractive Components of the Total Cross-Section at the LHC

Monday 9 September 2013 11:50 (20 minutes)

Presenter: JENKOVSKY, Laszlo (National Academy of Sciences of Ukraine)

Session Classification: Elastic and total cross section

Contribution ID: 6

Type: **not specified**

Some Problems of the Determination of σ_{tot} at LHC

Monday 9 September 2013 12:10 (20 minutes)

Presenter: SELYUGIN, Oleg

Session Classification: Elastic and total cross section

Contribution ID: 7

Type: **not specified**

Recent Results in Polarized Proton-Proton Elastic Scattering at STAR

Monday 9 September 2013 12:30 (20 minutes)

Presenter: ADAMCZYK, Leszek (AGH University of Science and Technology (PL))

Session Classification: Elastic and total cross section

Contribution ID: 8

Type: **not specified**

Polarized Beams and Violent Collisions of Spinning Protons: Past and Possibly at Fermilab

Monday 9 September 2013 12:50 (20 minutes)

Presenter: KRISCH, Alan

Session Classification: Elastic and total cross section

Contribution ID: 9

Type: **not specified**

ATLAS results on soft diffraction

Tuesday 10 September 2013 09:40 (20 minutes)

Presenter: MONZANI, Simone (Universita e INFN (IT))

Session Classification: Soft diffraction

Contribution ID: **10**

Type: **not specified**

CMS results on soft diffraction

Tuesday 10 September 2013 10:00 (20 minutes)

Presenter: Prof. GOULIANOS, Konstantin (Rockefeller University (US))

Session Classification: Soft diffraction

Contribution ID: 11

Type: **not specified**

LHCb results on soft diffraction

Tuesday 10 September 2013 11:00 (20 minutes)

Presenter: MEISSNER, Marco (Ruprecht-Karls-Universitaet Heidelberg (DE))

Session Classification: Soft diffraction

Contribution ID: 12

Type: **not specified**

LHCf results on soft diffraction

Presenter: ADRIANI, Oscar (Universita e INFN (IT))

Contribution ID: 13

Type: **not specified**

Totem results on soft diffraction

Tuesday 10 September 2013 09:20 (20 minutes)

Presenter: OLJEMARK, Fredrik (Helsinki Institute of Physics (FI))

Session Classification: Soft diffraction

Contribution ID: 14

Type: **not specified**

Wilson loop correlators on the lattice and the asymptotic high-energy behaviour of hadronic total cross sections

Tuesday 10 September 2013 11:20 (20 minutes)

Presenter: GIORDANO, Matteo (CEA-Saclay)

Session Classification: Soft diffraction

Contribution ID: 15

Type: **not specified**

Low missing mass single and double diffraction dissociation at the LHC

Tuesday 10 September 2013 11:40 (20 minutes)

Presenter: JENKOVSKY, Laszlo (National Academy of Sciences of Ukraine)

Session Classification: Soft diffraction

Contribution ID: 16

Type: **not specified**

s And t Unitarity Screening As A fundamental Ingredient In Soft Scattering

Tuesday 10 September 2013 12:00 (20 minutes)

Presenter: MAOR, URI (Tel Aviv University)

Session Classification: Soft diffraction

Contribution ID: 17

Type: **not specified**

Phenomenology of single and double diffraction dissociation

Tuesday 10 September 2013 12:20 (20 minutes)

Presenter: Prof. GOULIANOS, Konstantin (Rockefeller University (US))

Session Classification: Soft diffraction

Contribution ID: **18**

Type: **not specified**

A model for soft high-energy scattering with a tensor pomeron

Presenter: EWERZ, Carlo (EMMI, GSI and Heidelberg University)

Contribution ID: **19**

Type: **not specified**

Hard diffraction at the TEVATRON

Tuesday 10 September 2013 15:00 (30 minutes)

Presenter: GOULIANOS, Dino

Session Classification: Hard diffraction

Contribution ID: 20

Type: **not specified**

Hard diffraction at HERA

Tuesday 10 September 2013 15:30 (30 minutes)

Presenter: VALKAROVA, Alice (Charles University)

Session Classification: Hard diffraction

Contribution ID: **21**

Type: **not specified**

CMS results on hard diffraction

Tuesday 10 September 2013 16:00 (30 minutes)

Presenter: MESROPIAN, Christina (Rockefeller University (US))

Session Classification: Hard diffraction

Contribution ID: 22

Type: **not specified**

Diffraction W-production

Tuesday 10 September 2013 17:00 (30 minutes)

Presenter: PASECHNIK, Roman (Lund University)

Session Classification: Hard diffraction

Contribution ID: 23

Type: **not specified**

Pomeron structure in dijet and gamma-jet events

Tuesday 10 September 2013 17:30 (30 minutes)

Presenter: ROYON, Christophe (CEA/IRFU,Centre d'etude de Saclay Gif-sur-Yvette (FR))

Session Classification: Hard diffraction

Contribution ID: 24

Type: **not specified**

New formulation for central production in high-energy diffractive excitations at very high center-of-mass energies

Tuesday 10 September 2013 18:00 (30 minutes)

Presenter: CHUNG, Suh-Urk (Pusan National University (KR))

Session Classification: Hard diffraction

Contribution ID: 25

Type: **not specified**

Status report LHC working group on diffraction

Tuesday 10 September 2013 18:30 (30 minutes)

Presenter: KEPKA, Oldrich (Acad. of Sciences of the Czech Rep. (CZ))

Session Classification: Hard diffraction

Contribution ID: 26

Type: **not specified**

Forward Diffractive Heavy Flavour production

Wednesday 11 September 2013 09:00 (20 minutes)

Presenter: PASECHNIK, Roman (Lund University)

Session Classification: CEP & new physics with rapidity gaps

Contribution ID: 27

Type: **not specified**

Exclusive Production at HERA

Wednesday 11 September 2013 09:20 (20 minutes)

Presenter: MALKA, Janusz (DESY)

Session Classification: CEP & new physics with rapidity gaps

Contribution ID: 28

Type: **not specified**

Exclusive meson pair production and the gluonic component of the eta, eta' mesons

Wednesday 11 September 2013 09:40 (20 minutes)

Presenter: HARLAND-LANG, Lucian

Session Classification: CEP & new physics with rapidity gaps

Contribution ID: 29

Type: **not specified**

Central production of two-pseudoscalar final states at COMPASS

Wednesday 11 September 2013 10:00 (20 minutes)

Presenter: AUSTREGESILO, Alexander (Technische Universitaet Muenchen (DE))

Session Classification: CEP & new physics with rapidity gaps

Contribution ID: **30**

Type: **not specified**

Central Exclusive Hadrons in CDF

Wednesday 11 September 2013 10:20 (25 minutes)

Presenter: ALBROW, Michael (Fermi National Accelerator Lab. (US))

Session Classification: CEP & new physics with rapidity gaps

Contribution ID: **31**

Type: **not specified**

Central Exclusive Production in STAR (RHIC)

Wednesday 11 September 2013 11:10 (20 minutes)

Presenter: ADAMCZYK, Leszek (AGH University of Science and Technology (PL))

Session Classification: CEP & new physics with rapidity gaps

Contribution ID: 32

Type: **not specified**

LHCb: Excl J/psi and chi_c

Presenter: STEVENSON, Scott (University of Oxford (GB))

Contribution ID: 33

Type: **not specified**

Update on CEP Higgs

Wednesday 11 September 2013 11:30 (20 minutes)

Presenter: KHOZE, Valery (University of Durham (GB))

Session Classification: CEP & new physics with rapidity gaps

Contribution ID: **34**

Type: **not specified**

CEP MSSM Higgs

Wednesday 11 September 2013 11:50 (20 minutes)

Presenter: Dr TASEVSKY, Marek (Acad. of Sciences of the Czech Rep. (CZ))

Session Classification: CEP & new physics with rapidity gaps

Contribution ID: 35

Type: **not specified**

ALICE UPC in PbPb

Contribution ID: **36**

Type: **not specified**

ALICE UPC in pPb

Contribution ID: **37**

Type: **not specified**

CMS UPC

Contribution ID: **38**

Type: **not specified**

Atlas UPC

Contribution ID: **39**

Type: **not specified**

LHCb UPC (from pp)

Contribution ID: 40

Type: **not specified**

UPC at RHIC (PHENIX & STAR combined)

Contribution ID: 41

Type: **not specified**

Theory, two-photon interactions

Presenter: SERBO, Valery

Contribution ID: 42

Type: **not specified**

Theory, photon-nucleus and photon-proton

Presenter: LAPPI, Tuomas (University of Jyvaskyla)

Contribution ID: 43

Type: **not specified**

Theory

Contribution ID: 44

Type: **not specified**

Theory

Contribution ID: 45

Type: **not specified**

RHIC HI results

Thursday 12 September 2013 15:00 (30 minutes)

Presenter: DAVID, Gabor (Brookhaven National Laboratory)

Session Classification: Heavy ions

Contribution ID: 46

Type: **not specified**

from Color Glass Condensate to Pomeron and Odderons

Thursday 12 September 2013 15:30 (30 minutes)

Presenter: JALLIAN-MARIAN, Jamal

Session Classification: Heavy ions

Contribution ID: 47

Type: **not specified**

Flow of Gluon Fields in Nuclear Collisions

Thursday 12 September 2013 16:00 (30 minutes)

Presenter: FRIES, Rainer (Texas A&M University)

Session Classification: Heavy ions

Contribution ID: 48

Type: **not specified**

Initial energy density of p+p collisions at the LHC

Thursday 12 September 2013 17:30 (30 minutes)

Presenter: CSORGO, Tamas (Wigner Research Centre for Physics (Wigner RCP) (HU))

Session Classification: Heavy ions

Contribution ID: 49

Type: **not specified**

Heavy quarkonium production

Presenter: QIU, Jianwei (Brookhaven National Lab)

Contribution ID: 50

Type: **not specified**

Hydrodynamics vs perturbative QCD mechanism in production of hadrons in heavy ion collisions

Thursday 12 September 2013 17:00 (30 minutes)

Presenter: Dr NEMCIK, Jan (Czech Technical University in Prague (CZ) and Institute of Experimental Physics, Kosice (SK))

Session Classification: Heavy ions

Contribution ID: 51

Type: **not specified**

Low-x results from HERA

Monday 9 September 2013 15:00 (25 minutes)

Presenter: KOWALSKI, Henri Paul (Deutsches Elektronen Synchrotron (DESY))

Session Classification: Low-x QCD

Contribution ID: 52

Type: **not specified**

New results on possible higher twist contributions in proton diffractive structure functions at low x

Monday 9 September 2013 15:25 (20 minutes)

Presenter: SADZIKOWSKI, Mariusz (Jagiellonian University)

Session Classification: Low-x QCD

Contribution ID: 53

Type: **not specified**

Models of the hadron structure and data of the TOTEM Collaboration

Monday 9 September 2013 15:45 (20 minutes)

Presenter: SELYUGIN, Oleg

Session Classification: Low-x QCD

Contribution ID: 54

Type: **not specified**

LHCf results

Monday 9 September 2013 16:05 (25 minutes)

Presenter: ADRIANI, Oscar (Universita e INFN (IT))

Session Classification: Low-x QCD

Contribution ID: 55

Type: **not specified**

BFKL tests at hadronic colliders

Monday 9 September 2013 17:00 (25 minutes)

Presenter: ROYON, Christophe (CEA/IRFU,Centre d'étude de Saclay Gif-sur-Yvette (FR))

Session Classification: Low-x QCD

Contribution ID: 56

Type: **not specified**

Low x QCD from CMS

Monday 9 September 2013 17:25 (25 minutes)

Presenter: MISIURA, Maciej (University of Warsaw (PL))

Session Classification: Low-x QCD

Contribution ID: 57

Type: **not specified**

ATLAS measurement of energy flow at low x

Monday 9 September 2013 17:50 (25 minutes)

Presenter: SYKORA, Tomas (Charles University (CZ))

Session Classification: Low-x QCD

Contribution ID: 58

Type: **not specified**

Production of Hadrons and Jets with Large Rapidity Gaps in CMS

Contribution ID: 59

Type: **not specified**

The PPS (Precision Proton Spectrometers) project in CMS, Status

Wednesday 11 September 2013 12:20 (10 minutes)

Presenter: ALBROW, Michael (Fermi National Accelerator Lab. (US))

Session Classification: CEP & new physics with rapidity gaps

Contribution ID: **60**

Type: **not specified**

The ATLAS Forward Proton (AFP) project, Status

Wednesday 11 September 2013 12:30 (10 minutes)

Presenter: SYKORA, Tomas (Charles University (CZ))

Session Classification: CEP & new physics with rapidity gaps

Contribution ID: **61**

Type: **not specified**

Discussion on future

Contribution ID: **62**

Type: **not specified**

Recent soft diffraction results from HERA

Tuesday 10 September 2013 09:00 (20 minutes)

Presenter: VALKAROVA, Alice (Charles University)

Session Classification: Soft diffraction

Contribution ID: **63**

Type: **not specified**

TOTEM future plans

Wednesday 11 September 2013 12:10 (10 minutes)

Presenter: OESTERBERG, Kenneth (Helsinki Institute of Physics (FI))

Session Classification: CEP & new physics with rapidity gaps

Contribution ID: 64

Type: **not specified**

Results on ultra-peripheral interactions in Pb-Pb and p-Pb collisions in ALICE

Thursday 12 September 2013 09:30 (40 minutes)

Presenter: SCAPPARONE, Eugenio (INFN-Bologna(IT))

Session Classification: Ultraperipheral physics

Contribution ID: 65

Type: **not specified**

Latest RHIC results on ultraperipheral collisions

Thursday 12 September 2013 11:00 (30 minutes)

Presenter: DEBBE, Ramiro (Brookhaven National Laboratory)

Session Classification: Ultraperipheral physics

Contribution ID: 66

Type: **not specified**

Models for exclusive vector meson production in heavy-ion collisions

Thursday 12 September 2013 11:30 (30 minutes)

Presenter: LAPPI, Tuomas (University of Jyvaskyla)

Session Classification: Ultraperipheral physics

Contribution ID: 67

Type: **not specified**

Exclusive photoproduction of J/psi and psi(2S) states in pp and AA collisions at the LHC

Thursday 12 September 2013 12:00 (30 minutes)

Presenter: MACHADO, Magno (Unknown)

Session Classification: Ultraperipheral physics

Contribution ID: **68**

Type: **not specified**

Exclusive particle production in photon-photon and photon-proton collisions at LHCb

Thursday 12 September 2013 09:00 (30 minutes)

Presenter: STEVENSON, Scott (University of Oxford (GB))

Session Classification: CEP and Ultraperipheral physics

Contribution ID: **69**

Type: **not specified**

Recent results from IceCube

Friday 13 September 2013 09:30 (30 minutes)

Presenter: FINLEY, Chad

Session Classification: Cosmic rays

Contribution ID: 70

Type: **not specified**

Particle physics with the Pierre Auger Observatory

Friday 13 September 2013 10:00 (30 minutes)

Presenter: TRAVNICEK, Petr (Acad. of Sciences of the Czech Rep. (CZ))

Session Classification: Cosmic rays

Contribution ID: 71

Type: **not specified**

Welcome talk

Monday 9 September 2013 09:00 (30 minutes)

Presenter: MAKI, Tuula (Helsinki Institute of Physics (FI))

Session Classification: Welcome

Contribution ID: 72

Type: **not specified**

Higgs boson - on your own

Thursday 12 September 2013 18:00 (10 minutes)

Presenter: CSORGO, Tamas (Wigner Research Centre for Physics (Wigner RCP) (HU))

Session Classification: Outreach

Contribution ID: 73

Type: **not specified**

Conference dinner

Thursday 12 September 2013 19:00 (4 hours)

Session Classification: Conference dinner

Contribution ID: 74

Type: **not specified**

Summary

Friday 13 September 2013 11:00 (1 hour)

Presenter: ALBROW, Michael (Fermi National Accelerator Lab. (US))

Session Classification: Summary