

HERA - LHC workshop working group week

Report of Contributions

Contribution ID: 1

Type: **not specified**

Neural Network approach to PDF Fitting

Wednesday 19 January 2005 10:00 (30 minutes)

Author: JOAN ROJO

Presenter: JOAN ROJO

Session Classification: WG1: Parton Density Functions

Contribution ID: 2

Type: **not specified**

Impact of HERA II data on ZEUS fits

Wednesday 19 January 2005 10:30 (30 minutes)

Author: CLAIRE GWENLAN

Presenter: CLAIRE GWENLAN

Session Classification: WG1: Parton Density Functions

Contribution ID: 3

Type: **not specified**

Discussion

Wednesday 19 January 2005 12:30 (30 minutes)

Session Classification: WG1: Parton Density Functions

Contribution ID: 4

Type: **not specified**

Averaging of ZEUS and H1 data

Wednesday 19 January 2005 11:30 (30 minutes)

Author: MANDY COOPER-SARKAR

Presenter: MANDY COOPER-SARKAR

Session Classification: WG1: Parton Density Functions

Contribution ID: 5

Type: **not specified**

Precision limits for the structure function measurements at HERA

Wednesday 19 January 2005 11:00 (30 minutes)

Author: SASHA GLAZOV

Presenter: SASHA GLAZOV

Session Classification: WG1: Parton Density Functions

Contribution ID: 6

Type: **not specified**

PHOTOS as pocket parton shower

Tuesday 18 January 2005 11:00 (30 minutes)

Author: PIOTR GOLONKA

Presenter: PIOTR GOLONKA

Session Classification: WG2: Multi-jet Final States and Energy Flows

Contribution ID: 7

Type: **not specified**

Need for unintegrated parton correlation functions, not parton densities, in event generators

Tuesday 18 January 2005 11:45 (30 minutes)

Author: JOHN COLLINS

Presenter: JOHN COLLINS

Session Classification: WG2: Multi-jet Final States and Energy Flows

Contribution ID: 8

Type: **not specified**

Discussion

Tuesday 18 January 2005 12:15 (30 minutes)

Session Classification: WG2: Multi-jet Final States and Energy Flows

Contribution ID: 9

Type: **not specified**

QEDxQCD exponentiation and Shower/ME Matching at the LHC

Tuesday 18 January 2005 11:30 (15 minutes)

Author: BENNIE WARD

Presenter: BENNIE WARD

Session Classification: WG2: Multi-jet Final States and Energy Flows

Contribution ID: **10**

Type: **not specified**

Event shapes for hadron colliders

Wednesday 19 January 2005 16:30 (30 minutes)

Author: GAVIN SALAM

Presenter: GAVIN SALAM

Session Classification: WG2: Multi-jet Final States and Energy Flows

Contribution ID: **11**

Type: **not specified**

Discussion

Wednesday 19 January 2005 17:00 (1 hour)

Session Classification: WG2: Multi-jet Final States and Energy Flows

Contribution ID: **12**

Type: **not specified**

Planning for the Proceedings

Tuesday 18 January 2005 15:30 (30 minutes)

Author: THE CONVENERS

Presenter: THE CONVENERS

Session Classification: WG2: Multi-jet Final States and Energy Flows

Contribution ID: **13**

Type: **not specified**

Discussion

Tuesday 18 January 2005 16:15 (45 minutes)

Session Classification: WG2: Multi-jet Final States and Energy Flows

Contribution ID: **14**

Type: **not specified**

Resummed di-jet Et spectra

Tuesday 18 January 2005 16:00 (15 minutes)

Author: GENNARO CORCELLA

Presenter: GENNARO CORCELLA

Session Classification: WG2: Multi-jet Final States and Energy Flows

Contribution ID: 15

Type: **not specified**

Constraining the unintegrated gluon

Wednesday 19 January 2005 14:00 (30 minutes)

Author: HANNES JUNG

Presenter: HANNES JUNG

Session Classification: WG1: Parton Density Functions, WG3: Heavy Quarks and WG2: Multi-jet Final States and Energy Flows

Contribution ID: **16**

Type: **not specified**

Investigations of Non-linear Effects

Wednesday 19 January 2005 14:30 (30 minutes)

Author: KRISZTIAN PETERS

Presenter: KRISZTIAN PETERS

Session Classification: WG1: Parton Density Functions, WG3: Heavy Quarks and WG2: Multi-jet Final States and Energy Flows

Contribution ID: 17

Type: **not specified**

Discussion

Wednesday 19 January 2005 15:30 (30 minutes)

Session Classification: WG1: Parton Density Functions, WG3: Heavy Quarks and WG2: Multi-jet Final States and Energy Flows

Contribution ID: **18**

Type: **not specified**

Resummed parton distributions from neutrino data

Thursday 20 January 2005 09:30 (30 minutes)

Author: GENNARO CORCELLA

Presenter: GENNARO CORCELLA

Session Classification: WG1: Parton Density Functions

Contribution ID: **19**

Type: **not specified**

Preasymptotics in small-x splitting functions

Thursday 20 January 2005 10:00 (30 minutes)

Author: GAVIN SALAM

Presenter: GAVIN SALAM

Session Classification: WG1: Parton Density Functions

Contribution ID: **20**

Type: **not specified**

The longitudinal structure function at third order

Thursday 20 January 2005 10:30 (30 minutes)

Author: SVEN MOCH

Presenter: SVEN MOCH

Session Classification: WG1: Parton Density Functions

Contribution ID: **21**

Type: **not specified**

Discussion

Thursday 20 January 2005 11:00 (1 hour)

Session Classification: WG1: Parton Density Functions

Contribution ID: 22

Type: **not specified**

W⁺/W⁻ to lepton final states

Thursday 20 January 2005 14:00 (30 minutes)

Author: ALESSANDRO TRICOLI

Presenter: ALESSANDRO TRICOLI

Session Classification: WG1: Parton Density Functions

Contribution ID: 23

Type: **not specified**

Status of LHC cross sections

Thursday 20 January 2005 15:00 (30 minutes)

Author: MICHAEL DITTMAR

Presenter: MICHAEL DITTMAR

Session Classification: WG1: Parton Density Functions

Contribution ID: **24**

Type: **not specified**

Discussion

Thursday 20 January 2005 15:30 (1 hour)

Session Classification: WG1: Parton Density Functions

Contribution ID: 25

Type: **not specified**

W/Z+jet production

Thursday 20 January 2005 14:30 (30 minutes)

Author: HASKO STENZEL

Presenter: HASKO STENZEL

Session Classification: WG1: Parton Density Functions

Contribution ID: 26

Type: **not specified**

Discussion on benchmark cross sections

Wednesday 19 January 2005 09:30 (1 hour)

Author: ALL

Presenter: ALL

Session Classification: WG3: Heavy Quarks

Contribution ID: 27

Type: **not specified**

Discussion on write-up

Wednesday 19 January 2005 11:00 (1h 30m)

Author: ALL

Presenter: ALL

Session Classification: WG3: Heavy Quarks

Contribution ID: **28**

Type: **not specified**

Organization of this working group week

Monday 17 January 2005 13:30 (15 minutes)

Author: THE CONVENERS

Presenter: THE CONVENERS

Session Classification: WG2: Multi-jet Final States and Energy Flows

Contribution ID: **29**

Type: **not specified**

Discussion

Monday 17 January 2005 13:45 (45 minutes)

Session Classification: WG2: Multi-jet Final States and Energy Flows

Contribution ID: 30

Type: **not specified**

Survival probability for central two jets production at the LHC

Monday 17 January 2005 15:00 (20 minutes)

Author: ALEX PRYGARIN (Tel Aviv)

Presenter: ALEX PRYGARIN (Tel Aviv)

Session Classification: WG4: Diffractive factorization breaking in pp and ep collisions

Contribution ID: 31

Type: **not specified**

Discriminative Distributions for Diffraction

Monday 17 January 2005 15:30 (20 minutes)

Author: MICHAEL KLASSEN (Grenoble)

Presenter: MICHAEL KLASSEN (Grenoble)

Session Classification: WG4: Diffractive factorization breaking in pp and ep collisions

Contribution ID: **32**

Type: **not specified**

Discussion

Monday 17 January 2005 16:00 (2 hours)

Author: ALL

Presenter: ALL

Session Classification: WG4: Diffractive factorization breaking in pp and ep collisions

Contribution ID: **33**

Type: **not specified**

RunMC development

Tuesday 18 January 2005 14:00 (30 minutes)

Author: SERGEI CHEKANOV (VRVS)

Presenter: SERGEI CHEKANOV (VRVS)

Session Classification: WG5: MC-Tools

Contribution ID: **34**

Type: **not specified**

RapGap development

Tuesday 18 January 2005 14:30 (15 minutes)

Author: HANNES JUNG

Presenter: HANNES JUNG

Session Classification: WG5: MC-Tools

Contribution ID: 35

Type: **not specified**

NLOLIB development

Tuesday 18 January 2005 15:00 (15 minutes)

Author: KLAUS RABBERTZ

Presenter: KLAUS RABBERTZ

Session Classification: WG5: MC-Tools

Contribution ID: 36

Type: **not specified**

Jet veto for gg->h at LHC, progress report

Tuesday 18 January 2005 14:45 (15 minutes)

Author: GIOVANNA DAVATZ

Presenter: GIOVANNA DAVATZ

Session Classification: WG5: MC-Tools

Contribution ID: 37

Type: **not specified**

Generator study of diffractive Drell-Yan production of lepton at CMS

Wednesday 19 January 2005 09:00 (15 minutes)

Author: PIERRE VAN MECHELEN (Antwerp)

Presenter: PIERRE VAN MECHELEN (Antwerp)

Session Classification: WG4: Diffraction

Contribution ID: **38**

Type: **not specified**

Diffraction DIS analysis and implications

Wednesday 19 January 2005 09:25 (25 minutes)

Author: GRAEME WATT (DESY)

Presenter: GRAEME WATT (DESY)

Session Classification: WG4: Diffraction

Contribution ID: 39

Type: **not specified**

How hard is diffractive Higgs production?

Wednesday 19 January 2005 10:40 (20 minutes)

Author: LESZEK MOTYKA (DESY)

Presenter: LESZEK MOTYKA (DESY)

Session Classification: WG4: Diffraction

Contribution ID: 40

Type: **not specified**

Latest news in the theory of $pp \rightarrow p+X+p$

Wednesday 19 January 2005 11:15 (45 minutes)

Author: JEFF FORSHAW (Manchester)

Presenter: JEFF FORSHAW (Manchester)

Session Classification: WG4: Diffraction

Contribution ID: 41

Type: **not specified**

Discussion: parametrization of diffractive parton distributions

Wednesday 19 January 2005 09:50 (20 minutes)

Author: ALL

Presenter: ALL

Session Classification: WG4: Diffraction

Contribution ID: 42

Type: **not specified**

Exclusive DPE Higgs generators in the fast CMS simulation

Wednesday 19 January 2005 12:15 (20 minutes)

Author: MAREK TASEVSKY (Antwerp)

Presenter: MAREK TASEVSKY (Antwerp)

Session Classification: WG4: Diffraction

Contribution ID: 43

Type: **not specified**

Discussion

Wednesday 19 January 2005 12:35 (25 minutes)

Author: ALL

Presenter: ALL

Session Classification: WG4: Diffraction

Contribution ID: 44

Type: **not specified**

The ATLAS Luminosity System

Tuesday 18 January 2005 09:00 (40 minutes)

Author: PER GRAFSTROM

Presenter: PER GRAFSTROM

Session Classification: WG4: Forward detectors in the cold region of LHC

Contribution ID: 45

Type: **not specified**

Forward Detectors in the Cold Region

Tuesday 18 January 2005 10:00 (40 minutes)

Author: BRIAN COX

Presenter: BRIAN COX

Session Classification: WG4: Forward detectors in the cold region of LHC

Contribution ID: 46

Type: **not specified**

The Integration of the 420m Detectors into LHC

Tuesday 18 January 2005 11:00 (30 minutes)

Author: DANIELA MACINA

Presenter: DANIELA MACINA

Session Classification: WG4: Forward detectors in the cold region of LHC

Contribution ID: 47

Type: **not specified**

Alignment of the H1 very forward proton spectrometer

Tuesday 18 January 2005 16:00 (25 minutes)

Author: KIM VERVINK

Presenter: KIM VERVINK

Session Classification: WG4: Trigger and alignment issues of forward detectors

Contribution ID: 48

Type: **not specified**

Exhume expectations on Higgs characteristics

Tuesday 18 January 2005 17:55 (20 minutes)

Author: KEN OESTERBERG

Presenter: KEN OESTERBERG

Session Classification: WG4: Trigger and alignment issues of forward detectors

Contribution ID: 49

Type: **not specified**

Comparison between the EXHUME and EDDE generators

Tuesday 18 January 2005 18:20 (20 minutes)

Author: CREIGHTON HOGG

Presenter: CREIGHTON HOGG

Session Classification: WG4: Trigger and alignment issues of forward detectors

Contribution ID: 50

Type: **not specified**

Alignment of the ZEUS leading proton spectrometer

Tuesday 18 January 2005 16:30 (30 minutes)

Author: VINCENZO MONACO (PRESENTED BY M. ARNEODO)

Presenter: VINCENZO MONACO (PRESENTED BY M. ARNEODO)

Session Classification: WG4: Trigger and alignment issues of forward detectors

Contribution ID: 51

Type: **not specified**

Alignment of the D0 roman pot spectrometer

Tuesday 18 January 2005 15:25 (30 minutes)

Author: CARLOS AVILA

Presenter: CARLOS AVILA

Session Classification: WG4: Trigger and alignment issues of forward detectors

Contribution ID: 52

Type: **not specified**

Alignment of the CDF roman pot spectrometer

Tuesday 18 January 2005 17:20 (30 minutes)

Author: DINO GOULIANOS

Presenter: DINO GOULIANOS

Session Classification: WG4: Trigger and alignment issues of forward detectors

Contribution ID: 53

Type: **not specified**

Startup running of a combined CMS-TOTEM trigger

Tuesday 18 January 2005 13:30 (20 minutes)

Author: KARSTEN EGGERT

Presenter: KARSTEN EGGERT

Session Classification: WG4: Trigger and alignment issues of forward detectors

Contribution ID: 54

Type: **not specified**

CMS-TOTEM detector simulation: trigger studies

Tuesday 18 January 2005 13:55 (15 minutes)

Author: FABRIZIO FERRO

Presenter: FABRIZIO FERRO

Session Classification: WG4: Trigger and alignment issues of forward detectors

Contribution ID: 55

Type: **not specified**

ATLAS forward spectrometer trigger

Tuesday 18 January 2005 14:15 (15 minutes)

Author: ILIAS EFTHYMIPOULOS

Presenter: ILIAS EFTHYMIPOULOS

Session Classification: WG4: Trigger and alignment issues of forward detectors

Contribution ID: 56

Type: **not specified**

CMS-TOTEM trigger efficiency studies for diffractive Higgs

Tuesday 18 January 2005 14:35 (20 minutes)

Author: RICHARD CROFT

Presenter: RICHARD CROFT

Session Classification: WG4: Trigger and alignment issues of forward detectors

Contribution ID: 57

Type: **not specified**

Comparing MC tunings to pT distr. from the UE

Tuesday 18 January 2005 09:00 (30 minutes)

Author: ARTHUR MORAES

Presenter: ARTHUR MORAES

Session Classification: WG2: Multi-jet Final States and Energy Flows

Contribution ID: 58

Type: **not specified**

Discussion

Tuesday 18 January 2005 09:30 (1 hour)

Session Classification: WG2: Multi-jet Final States and Energy Flows