

PDF4LHC Meeting

Report of Contributions

Contribution ID: 0

Type: **not specified**

Introduction to PDF4LHC

Friday 22 February 2008 09:10 (45 minutes)

Presenter: BRYAN WEBBER

Session Classification: Plenary Session

Contribution ID: 1

Type: **not specified**

CTEQ PDF developments

Friday 22 February 2008 09:55 (30 minutes)

Presenter: PAVEL NADOLSKY

Session Classification: Plenary Session

Contribution ID: 2

Type: **not specified**

MRST/MSTW PDF developments

Friday 22 February 2008 10:25 (30 minutes)

Presenter: ROBERT THORNE

Session Classification: Plenary Session

Contribution ID: 4

Type: **not specified**

Comparisons of PDFs

Friday 22 February 2008 11:15 (30 minutes)

Presenter: MANDY COOPER

Session Classification: Plenary Session

Contribution ID: 5

Type: **not specified**

Input data for PDF

Friday 22 February 2008 11:45 (30 minutes)

Presenter: SASHA GLAZOV

Session Classification: Plenary Session

Contribution ID: 6

Type: **not specified**

LHC needs for PDFs

Friday 22 February 2008 12:15 (30 minutes)

Presenter: JOEY HUSTON

Session Classification: Plenary Session

Contribution ID: 7

Type: **not specified**

Extracting PDF from LHC data: The ApplGrid project

Friday 22 February 2008 14:15 (20 minutes)

Presenter: STAROVOITOV, Pavel

Session Classification: Technical Session: Needs for and input from first data of the LHC to PDF Determination

Contribution ID: 8

Type: **not specified**

Global analysis of nuclear PDFs

Friday 22 February 2008 16:10 (25 minutes)

Presenter: PAUKKUNEN, Hannu

Session Classification: Technical Session: Needs for and input from first data of the LHC to PDF Determination

Contribution ID: 9

Type: **not specified**

Introduction and Aims

Friday 22 February 2008 14:00 (15 minutes)

Presenter: SARKAR, Amanda (University of Oxford)

Session Classification: Technical Session: Needs for and input from first data of the LHC to PDF Determination

Contribution ID: **10**

Type: **not specified**

LHAPDF status and plans

Friday 22 February 2008 16:35 (20 minutes)

Presenter: Dr WHALLEY, Mike (IPPP, UNIVERSITY OF DURHAM)

Session Classification: Technical Session: Needs for and input from first data of the LHC to PDF Determination

Contribution ID: 11

Type: **not specified**

ATLAS studies on W mass and Drell-Yan

Friday 22 February 2008 14:35 (15 minutes)

Presenter: MAARTEN BOONEKAMP

Session Classification: Technical Session: Needs for and input from first data of the LHC to PDF Determination

Contribution ID: **12**

Type: **not specified**

Tea Break

Friday 22 February 2008 15:50 (20 minutes)

Presenter: ALL

Session Classification: Technical Session: Needs for and input from first data of the LHC to PDF Determination

Contribution ID: 13

Type: **not specified**

Z, γ^* and W at LHCb

Friday 22 February 2008 15:10 (20 minutes)

Presenter: JONATHAN ANDERSON

Session Classification: Technical Session: Needs for and input from first data of the LHC to PDF Determination

Contribution ID: **14**

Type: **not specified**

CMS studies

Friday 22 February 2008 15:30 (20 minutes)

Presenter: ROBERTO TENCHINI

Session Classification: Technical Session: Needs for and input from first data of the LHC to PDF Determination

Contribution ID: **15**

Type: **not specified**

Welcome

Saturday 23 February 2008 14:00 (5 minutes)

Session Classification: Technical session: PDFs for MC generators

Contribution ID: **16**

Type: **not specified**

MC author's perspective

Saturday 23 February 2008 14:05 (15 minutes)

Presenter: Dr MRENNA, Stephen (FERMILAB)

Session Classification: Technical session: PDFs for MC generators

Contribution ID: 17

Type: **not specified**

MRSTLO* modified PDFs

Saturday 23 February 2008 14:20 (30 minutes)

Presenter: Dr THORNE, Robert (UCL)

Session Classification: Technical session: PDFs for MC generators

Contribution ID: **18**

Type: **not specified**

CTEQ LO plans

Saturday 23 February 2008 14:50 (20 minutes)

Presenters: HUSTON, Joey (Department of Physics and Astronomy); Mr NADOLSKY, Pavel (Argonne National Laboratory)

Session Classification: Technical session: PDFs for MC generators

Contribution ID: **19**

Type: **not specified**

Diffractive, generalised and unintegrated PDFs

Saturday 23 February 2008 15:10 (20 minutes)

Presenter: Dr WATT, Graeme (University College London)

Session Classification: Technical session: PDFs for MC generators

Contribution ID: 22

Type: **not specified**

DESY LO4MC plans

Saturday 23 February 2008 15:30 (15 minutes)

Presenter: KUTAK, Krzysztof (Hamburg University)

Session Classification: Technical session: PDFs for MC generators

Contribution ID: 23

Type: **not specified**

Unintegrated PDF's

Saturday 23 February 2008 15:45 (15 minutes)

Presenter: KUTAK, Krzysztof (Hamburg University)

Session Classification: Technical session: PDFs for MC generators

Contribution ID: 24

Type: **not specified**

Further contributions and discussions

Saturday 23 February 2008 16:00 (1 hour)

Session Classification: Technical session: PDFs for MC generators

Contribution ID: 26

Type: **not specified**

Introduction

Friday 22 February 2008 17:30 (5 minutes)

Presenter: JOËL FELTESSE

Session Classification: Technical Session : PDF Uncertainties (first part)

Contribution ID: 28

Type: **not specified**

Implicit Error Blow up

Friday 22 February 2008 17:40 (5 minutes)

Presenter: BOB COUSINS

Session Classification: Technical Session : PDF Uncertainties (first part)

Contribution ID: 29

Type: **not specified**

PDF Correlations

Friday 22 February 2008 18:15 (20 minutes)

Presenter: PAVEL NADOLSKY

Session Classification: Technical Session : PDF Uncertainties (first part)

Contribution ID: **30**

Type: **not specified**

Tolerance in Global PDF Analysis

Friday 22 February 2008 17:50 (20 minutes)

Presenter: GRAEME WATT

Session Classification: Technical Session : PDF Uncertainties (first part)

Contribution ID: **31**

Type: **not specified**

Errors in PDFs

Saturday 23 February 2008 09:00 (20 minutes)

Presenter: SERGUEY ALEKHIN

Session Classification: Technical session: PDF Uncertainties (second part)

Contribution ID: **32**

Type: **not specified**

Offset/Hessian Methods

Saturday 23 February 2008 09:25 (15 minutes)

Presenter: A.M. COOPER-SARKAR

Session Classification: Technical session: PDF Uncertainties (second part)

Contribution ID: 34

Type: **not specified**

Benchmark test on error propagations

Saturday 23 February 2008 10:05 (15 minutes)

Presenter: VOICA RADESCU

Session Classification: Technical session: PDF Uncertainties (second part)

Contribution ID: 35

Type: **not specified**

Benchmark test on error propagations with MC

Saturday 23 February 2008 10:25 (15 minutes)

Presenter: ALBERTO GUFFANTI

Session Classification: Technical session: PDF Uncertainties (second part)

Contribution ID: 36

Type: **not specified**

General discussion aiming to agree on further tests of the various methods

Saturday 23 February 2008 10:55 (20 minutes)

Session Classification: Technical session: PDF Uncertainties (second part)

Contribution ID: 37

Type: **not specified**

Averaging data sets before the QCD analysis

Saturday 23 February 2008 09:45 (15 minutes)

Presenter: SASHA GLAZOV

Session Classification: Technical session: PDF Uncertainties (second part)

Contribution ID: **38**

Type: **not specified**

COFFEE BREAK

Saturday 23 February 2008 11:15 (30 minutes)

Presenter: ALL

Session Classification: Technical session: PDF Uncertainties (second part)

Contribution ID: 39

Type: **not specified**

Input parameterisation and Neural Network

Saturday 23 February 2008 11:45 (10 minutes)

Presenter: ALBERTO GUFFANTI

Session Classification: Technical session: PDF Uncertainties (second part)

Contribution ID: 40

Type: **not specified**

Theoretical uncertainties and inaccuracies

Saturday 23 February 2008 12:00 (10 minutes)

Presenter: ROBERT THORNE

Session Classification: Technical session: PDF Uncertainties (second part)

Contribution ID: 41

Type: **not specified**

Uncertainties on corrections to DGLAP and resummation

Saturday 23 February 2008 12:15 (10 minutes)

Presenter: STEFANO FORTE

Session Classification: Technical session: PDF Uncertainties (second part)

Contribution ID: 42

Type: **not specified**

Short general discussion on further studies to reduce theoretical uncertainties

Saturday 23 February 2008 12:25 (15 minutes)

Session Classification: Technical session: PDF Uncertainties (second part)

Contribution ID: 43

Type: **not specified**

Discussion

Friday 22 February 2008 16:55 (20 minutes)

Presenter: ALL

Session Classification: Technical Session: Needs for and input from first data of the LHC to PDF Determination

Contribution ID: 44

Type: **not specified**

Drell-Yan processes at the LHC

Friday 22 February 2008 14:50 (20 minutes)

Presenter: VICINI, Alessandro

Session Classification: Technical Session: Needs for and input from first data of the LHC to PDF Determination

Contribution ID: 45

Type: **not specified**

Opening and goals of the meeting

Friday 22 February 2008 09:00 (10 minutes)

Presenter: ALBERT DE ROECK

Session Classification: Plenary Session

Contribution ID: 46

Type: **not specified**

Beyond Correlations

Saturday 23 February 2008 10:45 (5 minutes)

Presenter: LARS SONNENSCHN

Session Classification: Technical session: PDF Uncertainties (second part)