

HERA and the LHC: working group week

Report of Contributions

Contribution ID: 0

Type: **not specified**

Rivet and tutorial

Thursday 1 November 2007 09:20 (2h 20m)

Presenter: A. BUCKLEY

Session Classification: Jets + Monte Carlo & Tools

Contribution ID: 1

Type: **not specified**

Rivet - developpers meeting

Thursday 1 November 2007 14:00 (3 hours)

Contribution ID: 2

Type: **not specified**

High energy neutrino cross section and saturation

Wednesday 31 October 2007 10:55 (20 minutes)

Presenter: K. KUTAK

Session Classification: Cosmic Rays, HERA and the LHC

Contribution ID: 4

Type: **not specified**

High energy neutrino cross section

Wednesday 31 October 2007 11:15 (20 minutes)

Presenter: M. COOPER-SARKAR

Session Classification: Cosmic Rays, HERA and the LHC

Contribution ID: 5

Type: **not specified**

Summary of discussion at Les Houghes on using PDFs in MCs

Tuesday 30 October 2007 14:00 (20 minutes)

Presenter: J. HUSTON

Session Classification: Discussion round: PDFs for MCs

Contribution ID: 6

Type: **not specified**

PDF4MC - special fits ?

Tuesday 30 October 2007 14:40 (20 minutes)

Presenter: H. JUNG

Session Classification: Discussion round: PDFs for MCs

Contribution ID: 7

Type: **not specified**

New approaches on PDFs for MCs

Tuesday 30 October 2007 14:20 (20 minutes)

Presenter: R. THORNE

Session Classification: Discussion round: PDFs for MCs

Contribution ID: 8

Type: **not specified**

Forward hadron production in air showers

Wednesday 31 October 2007 10:35 (20 minutes)

Presenter: H. DRESCHER

Session Classification: Cosmic Rays, HERA and the LHC

Contribution ID: 9

Type: **not specified**

Forward quark scattering in pp collisions at LHC

Wednesday 31 October 2007 11:35 (20 minutes)

Presenter: H. DRESCHER, M. STRIKMAN

Session Classification: Cosmic Rays, HERA and the LHC

Contribution ID: **10**

Type: **not specified**

Hadronic interaction models and interpretation of CR data

Wednesday 31 October 2007 10:00 (20 minutes)

Presenter: S. OSTAPCHENKO

Session Classification: Cosmic Rays, HERA and the LHC

Contribution ID: 11

Type: **not specified**

To do list for the proceedings (discussion)

Tuesday 30 October 2007 16:25 (15 minutes)

Session Classification: Monte Carlo & Tools

Contribution ID: 12

Type: **not specified**

Alternative approach to fitting the unintegrated gluon density

Tuesday 30 October 2007 15:25 (20 minutes)

Presenter: KNUTSSON, Albert Hans (Deutsches Elektronen Synchrotron (DESY))

Session Classification: Monte Carlo & Tools

Contribution ID: 13

Type: **not specified**

A graphical interface for fitting PDFs

Tuesday 30 October 2007 15:05 (20 minutes)

Presenter: STOKLOSA, Przemyslaw

Session Classification: Monte Carlo & Tools

Contribution ID: 15

Type: **not specified**

Studying the Underlying Event and mini-jet production at the LHC

Wednesday 31 October 2007 15:20 (20 minutes)

Presenter: BARTALINI, Paolo (NTU)

Session Classification: Jets + Monte Carlos & Tools

Contribution ID: 16

Type: **not specified**

Validation of double high PT interactions in Pythia 8

Wednesday 31 October 2007 15:40 (20 minutes)

Presenter: BECHTEL, Florian (Hamburg University)

Session Classification: Jets + Monte Carlos & Tools

Contribution ID: 17

Type: **not specified**

MC validation for top-pair production in CMS

Tuesday 30 October 2007 16:05 (20 minutes)

Presenter: CHIERICI, Roberto (CNRS/IPNL)

Session Classification: Monte Carlo & Tools

Contribution ID: **18**

Type: **not specified**

Simulation of quarkonia production in CMS

Wednesday 31 October 2007 16:00 (20 minutes)

Presenter: KRAAN, Aafke (INFN Pisa)

Session Classification: Jets + Monte Carlos & Tools

Contribution ID: 21

Type: **not specified**

A shower algorithm based on the dipole formalism

Wednesday 31 October 2007 14:00 (20 minutes)

Presenter: Dr WEINZIERL, Stefan

Session Classification: Jets + Monte Carlos & Tools

Contribution ID: 22

Type: **not specified**

Prompt photon production at LHC

Tuesday 30 October 2007 15:45 (20 minutes)

Presenter: Dr CHEKANOV, Sergei (ANL)

Session Classification: Monte Carlo & Tools

Contribution ID: 23

Type: **not specified**

Simulation models for low hadronic masses at HERA

Wednesday 31 October 2007 14:00 (20 minutes)

Presenter: V. LENDERMANN

Session Classification: Cosmic Rays, HERA and the LHC

Contribution ID: 24

Type: **not specified**

Discussion session on hard jets

Contribution ID: 25

Type: **not specified**

Discussion session on multiple interactions and mini-jets

Contribution ID: 26

Type: **not specified**

Overview on GENSER

Thursday 1 November 2007 09:00 (20 minutes)

Presenter: WITOLD POKORSKI

Session Classification: Jets + Monte Carlo & Tools

Contribution ID: 27

Type: **not specified**

From HERA/LHC to cosmic energies

Wednesday 31 October 2007 09:30 (30 minutes)

Presenter: H. MEYER (WUPPERTAL)

Session Classification: Cosmic Rays, HERA and the LHC

Contribution ID: 28

Type: **not specified**

Remnant treatment and hadron production in air showers

Wednesday 31 October 2007 14:20 (20 minutes)

Presenter: TANGUY PIEROG (KARLSRUHE)

Session Classification: Cosmic Rays, HERA and the LHC

Contribution ID: **30**

Type: **not specified**

MC@NLO for Heavy Quarks at HERA

Tuesday 30 October 2007 12:05 (20 minutes)

Presenter: TOBIAS TOLL (DESY)

Session Classification: Heavy Quarks

Contribution ID: **31**

Type: **not specified**

new charm results from HERA

Tuesday 30 October 2007 09:30 (20 minutes)

Presenter: BELLAN, Paolo (Padova)

Session Classification: Heavy Quarks

Contribution ID: **32**

Type: **not specified**

new beauty results from HERA

Tuesday 30 October 2007 09:55 (20 minutes)

Presenter: YAGUES, Ana (Humboldt University Berlin)

Session Classification: Heavy Quarks

Contribution ID: 33

Type: **not specified**

Rediscovery and Early Measurements with Top Quarks at LHC

Tuesday 30 October 2007 11:15 (20 minutes)

Presenter: WOLF, Roger (Univ. Hamburg)

Session Classification: Heavy Quarks

Contribution ID: 34

Type: **not specified**

study of QCD scale choices at HERA, RHIC, Tevatron, and optimized predictions for LHC

Tuesday 30 October 2007 11:40 (20 minutes)

Presenter: GEISER, Achim (DESY)

Session Classification: Heavy Quarks

Contribution ID: **36**

Type: **not specified**

PDFs for LHC

Tuesday 30 October 2007 17:00 (1 hour)

Presenter: R. THORNE

Session Classification: DESY seminar

Contribution ID: 37

Type: **not specified**

Multi-jets in photoproduction and mini-jets in DIS

Wednesday 31 October 2007 16:20 (20 minutes)

Presenter: TIM NAMSOO

Session Classification: Jets + Monte Carlos & Tools

Contribution ID: **38**

Type: **not specified**

Discussion on multiparton interactions and minijets

Wednesday 31 October 2007 16:40 (20 minutes)

Session Classification: Jets + Monte Carlos & Tools

Contribution ID: **39**

Type: **not specified**

Z/W and 2 jets production at LHC

Wednesday 31 October 2007 14:20 (20 minutes)

Presenter: M. DEAK

Session Classification: Jets + Monte Carlos & Tools

Contribution ID: 40

Type: **not specified**

Prompt photon hadroproduction on off-shell gluon-gluon fusion

Wednesday 31 October 2007 14:40 (20 minutes)

Presenter: N. ZOTOV

Session Classification: Jets + Monte Carlos & Tools

Contribution ID: 41

Type: **not specified**

Scattering of Massive Exotic Hadrons

Tuesday 30 October 2007 10:50 (20 minutes)

Presenter: PISKOUNOVA, Olga (LPI, Moscow)

Session Classification: Heavy Quarks

Contribution ID: 42

Type: **not specified**

discussion on implications for LHC

Tuesday 30 October 2007 10:20 (10 minutes)

Session Classification: Heavy Quarks

Contribution ID: 43

Type: **not specified**

discussion on next meeting and proceedings

Tuesday 30 October 2007 15:30 (45 minutes)

Session Classification: Heavy Quarks

Contribution ID: 44

Type: **not specified**

Upsilon polarization at Tevatron and LHC

Tuesday 30 October 2007 15:00 (20 minutes)

Presenter: BARANOV, S. (Moskow)

Session Classification: Heavy Quarks