

Multi partonic interactions at LHC

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome

Monday 15 October 2012 09:00 (15 minutes)

Presenter: ABRAMOWICZ, Halina (Tel Aviv University (IL))

Session Classification: QCD in pp interactions

Contribution ID: 1

Type: **not specified**

Jets and their extraction

Monday 15 October 2012 09:15 (45 minutes)

Presenter: BANFI, Andrea (University of Freiburg)

Session Classification: QCD in pp interactions

Contribution ID: 2

Type: **not specified**

Successes and challenges of QCD

Monday 15 October 2012 10:00 (30 minutes)

Presenter: DOKSHITZER, Yuri (LPTHE, Paris & PNPI, St.Petersburg)

Session Classification: QCD in pp interactions

Contribution ID: 3

Type: **not specified**

Theory of MPIs

Monday 15 October 2012 11:00 (30 minutes)

Presenter: DOKSHITZER, Yuri (LPTHE, Paris & PNPI, St.Petersburg)

Session Classification: MPIs in QCD

Contribution ID: 4

Type: **not specified**

QCD evolution of the parton correlation functions

Monday 15 October 2012 11:30 (30 minutes)

Presenter: LIPATOV, Lev (Petersburg Nuclear Physics Institute, Russia)

Session Classification: MPIs in QCD

Contribution ID: 5

Type: **not specified**

Nonperturbative nucleon structure and MPI

Monday 15 October 2012 12:00 (30 minutes)

Presenter: WEISS, Christian (Jefferson Lab)

Session Classification: MPIs in QCD

Contribution ID: 6

Type: **not specified**

Inter-parton correlations and MPIs

Monday 15 October 2012 14:00 (30 minutes)

Presenter: STRIKMAN, Mark (Penn State University)

Session Classification: PDFs for MPI

Contribution ID: 7

Type: **not specified**

pQCD physics of MPIs

Monday 15 October 2012 14:30 (30 minutes)

Presenter: GAUNT, Jonathan (DESY)

Session Classification: PDFs for MPI

Contribution ID: 8

Type: **not specified**

Non-partonic effects in 4jet production at LHC

Monday 15 October 2012 15:00 (30 minutes)

Presenter: BLOK, Boris (Technion)

Session Classification: PDFs for MPI

Contribution ID: 9

Type: **not specified**

Underlying event properties

Monday 15 October 2012 16:00 (30 minutes)

Presenter: KAR, Deepak (University of Glasgow (GB))

Session Classification: Underlying event

Contribution ID: **10**

Type: **not specified**

Soft Vs. hard contributions in UE

Monday 15 October 2012 16:30 (30 minutes)

Presenter: FIELD, Rick (University of Florida)

Session Classification: Underlying event

Contribution ID: **11**

Type: **not specified**

Understanding parton showers

Monday 15 October 2012 17:00 (30 minutes)

Presenter: NAGY, Zoltan (DESY)

Session Classification: Underlying event

Contribution ID: 12

Type: **not specified**

Theoretical background of MPIs

Contribution ID: **13**

Type: **not specified**

MPIs in HERA

Tuesday 16 October 2012 09:00 (30 minutes)

Presenter: KNUTSSON, Albert (DESY)

Session Classification: Experimental evidence of MPIs

Contribution ID: 14

Type: **not specified**

Diffraction processes

Tuesday 16 October 2012 09:30 (30 minutes)

Presenter: NEWMAN, Paul (Birmingham University)

Session Classification: Experimental evidence of MPIs

Contribution ID: 15

Type: **not specified**

MPI in LHCb

Tuesday 16 October 2012 10:00 (30 minutes)

Presenter: MURESAN, Raluca (Horia Hulubei National Institute of Physics and Nuclear Enginee)

Session Classification: Experimental evidence of MPIs

Contribution ID: **16**

Type: **not specified**

MPIs in ATLAS

Tuesday 16 October 2012 11:00 (30 minutes)

Presenter: DOBSON, Eleanor (CERN)

Session Classification: Experimental evidence of MPIs

Contribution ID: 17

Type: **not specified**

MPIs in CMS

Tuesday 16 October 2012 11:30 (30 minutes)

Presenter: BARTALINI, Paolo (National Taiwan University (TW))

Session Classification: Experimental evidence of MPIs

Contribution ID: **18**

Type: **not specified**

MPIs in D0

Tuesday 16 October 2012 15:00 (30 minutes)

Presenter: BANDURIN, Dmitry (Florida State University (US))

Session Classification: Search for MPIs

Contribution ID: **19**

Type: **not specified**

How to observe MPIs

Tuesday 16 October 2012 14:00 (30 minutes)

Presenter: KRAUSS, Frank Martin (University of Durham (GB))

Session Classification: Search for MPIs

Contribution ID: **20**

Type: **not specified**

Tuning MPI parameters in MC generators

Tuesday 16 October 2012 14:30 (30 minutes)

Presenter: HOETH, Hendrik (Durham University)

Session Classification: Search for MPIs

Contribution ID: 21

Type: **not specified**

PYTHIA and DIPSY

Tuesday 16 October 2012 16:00 (30 minutes)

Presenter: GUSTAFSON, Gosta (Lund University)

Session Classification: MC implementation of UE and MPIs

Contribution ID: 22

Type: **not specified**

HERWIG

Tuesday 16 October 2012 16:30 (30 minutes)

Presenter: GIESEKE, Stefan (Karlsruhe Institute of Technology)

Session Classification: MC implementation of UE and MPIs

Contribution ID: 23

Type: **not specified**

SHERPA

Tuesday 16 October 2012 17:00 (30 minutes)

Presenter: KRAUSS, Frank Martin (University of Durham (GB))

Session Classification: MC implementation of UE and MPIs

Contribution ID: 24

Type: **not specified**

Strategy for extracting MPI contributions

Presenter: Dr MORAES, Arthur (University of Glasgow (GB))

Contribution ID: 25

Type: **not specified**

Single and double parton distributions in the double logarithmic approximation

Wednesday 17 October 2012 09:00 (30 minutes)

Presenter: KUTAK, Krzysztof (Instytut Fizyki Jadrowej Polskiej Akademii Nauk)

Session Classification: Low-x physics and MPIs

Contribution ID: 26

Type: **not specified**

Correlation functions within BFKL approximation

Wednesday 17 October 2012 09:30 (30 minutes)

Presenter: LIPATOV, Lev (Petersburg Nuclear Physics Institute, Russia)

Session Classification: Low-x physics and MPIs

Contribution ID: 27

Type: **not specified**

Survival probability and MPIs

Wednesday 17 October 2012 10:00 (30 minutes)

Presenter: GOTSMAN, Errol (Tel Aviv University)

Session Classification: Low-x physics and MPIs

Contribution ID: **28**

Type: **not specified**

Ideas about MPI and low-x physics

Wednesday 17 October 2012 11:00 (30 minutes)

Presenter: FRANKFURT, Leonid (Tel Aviv University)

Session Classification: Low-x physics and MPIs

Contribution ID: 29

Type: **not specified**

MPI in the small x processes

Wednesday 17 October 2012 11:30 (30 minutes)

Presenter: HAUTMANN, Francesco (University of Oxford)

Session Classification: Low-x physics and MPIs

Contribution ID: 30

Type: **not specified**

Mueller-Navalet jets at LHC: a pure (NLL) BFKL scenario? ...What else? DGLAP? MPI?

Wednesday 17 October 2012 12:00 (30 minutes)

Presenter: WALLON, Samuel (LPT Orsay)

Session Classification: Low-x physics and MPIs

Contribution ID: **31**

Type: **not specified**

MPI in pA collisions

Presenter: STRIKMAN, Mark (Penn State University)

Contribution ID: **32**

Type: **not specified**

MPI in AA collisions

Presenter: RAK, Jan (Jyvaskyla University)

Contribution ID: 33

Type: **not specified**

Future of pA collisions at LHC

Presenter: D'ENTERRIA, David (CERN)

Contribution ID: 34

Type: **not specified**

Low-x physics and MPIs

Contribution ID: 35

Type: **not specified**

MPI in ALICE

Tuesday 16 October 2012 12:00 (30 minutes)

Presenter: RAK, Jan (Jyvaskyla University)

Session Classification: Experimental evidence of MPIs

Contribution ID: **36**

Type: **not specified**

Unintegrated PDFs

Wednesday 17 October 2012 14:00 (30 minutes)

Presenter: JUNG, Hannes (Deutsches Elektronen-Synchrotron (DE))

Session Classification: Low-x physics and MPIs

Contribution ID: 37

Type: **not specified**

MPI in pA collisions

Wednesday 17 October 2012 14:30 (30 minutes)

Presenter: STRIKMAN, Mark (Penn State University)

Session Classification: MPIs in pA collisions

Contribution ID: **38**

Type: **not specified**

Future of pA collisions at LHC

Wednesday 17 October 2012 15:00 (30 minutes)

Presenter: D'ENTERRIA, David (CERN)

Session Classification: MPIs in pA collisions