

**Future Prospects in High
Energy Physics - Symposium
in honor of the 60th birthday
of Halina Abramowicz**

Report of Contributions

Contribution ID: 0

Type: **not specified**

MPI in pA collisions

Presenter: STRIKMAN, Mark (Penn State University)

Contribution ID: 1

Type: **not specified**

Future of pA collisions at LHC

Presenter: D'ENTERRIA, David (CERN)

Contribution ID: 2

Type: **not specified**

Ideas about MPI and low-x physics

Presenter: FRANKFURT, Leonid (Tel Aviv University)

Contribution ID: 3

Type: **not specified**

MPI in the small x processes

Presenter: HAUTMANN, Francesco (University of Oxford)

Contribution ID: 4

Type: **not specified**

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

Presenter: WALLON, Samuel (LPT Orsay)

Contribution ID: 5

Type: **not specified**

Single and double parton distributions in the double logarithmic approximation

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

Contribution ID: 6

Type: **not specified**

Correlation functions within BFKL approximation

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

Contribution ID: 7

Type: **not specified**

Survival probability and MPIs

Presenter: GOTSMAN, Errol (Tel Aviv University)

Contribution ID: 8

Type: **not specified**

Unintegrated PDFs

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

Contribution ID: 9

Type: **not specified**

Theory of MPIs

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

Contribution ID: **10**

Type: **not specified**

QCD evolution of the parton correlation functions

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

Contribution ID: **11**

Type: **not specified**

Nonperturbative nucleon structure and MPI

Presenter: WEISS, Christian (Jefferson Lab)

Contribution ID: **12**

Type: **not specified**

Welcome

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

Contribution ID: 13

Type: **not specified**

Jets and their extraction

Presenter: BANFI, Andrea (University of Freiburg)

Contribution ID: 14

Type: **not specified**

Successes and challenges of QCD

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

Contribution ID: 15

Type: **not specified**

Underlying event properties

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

Contribution ID: 16

Type: **not specified**

Soft Vs. hard contributions in UE

Presenter: FIELD, Rick (University of Florida)

Contribution ID: 17

Type: **not specified**

Understanding parton showers

Presenter: NAGY, Zoltan (DESY)

Contribution ID: **18**

Type: **not specified**

Inter-parton correlations and MPIs

Presenter: STRIKMAN, Mark (Penn State University)

Contribution ID: **19**

Type: **not specified**

pQCD physics of MPIs

Presenter: GAUNT, Jonathan (DESY)

Contribution ID: 20

Type: **not specified**

Non-partonic effects in 4jet production at LHC

Presenter: BLOK, Boris (Technion)

Contribution ID: **21**

Type: **not specified**

MPIs in ATLAS

Presenter: DOBSON, Eleanor (CERN)

Contribution ID: 22

Type: **not specified**

MPIs in CMS

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

Contribution ID: 23

Type: **not specified**

MPI in ALICE

Presenter: RAK, Jan (Jyvaskyla University)

Contribution ID: **24**

Type: **not specified**

MPIs in HERA

Presenter: KNUTSSON, Albert (DESY)

Contribution ID: 25

Type: **not specified**

Diffraction processes

Presenter: NEWMAN, Paul (Birmingham University)

Contribution ID: 26

Type: **not specified**

MPI in LHCb

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

Contribution ID: 27

Type: **not specified**

PYTHIA and DIPSY

Presenter: GUSTAFSON, Gosta (Lund University)

Contribution ID: **28**

Type: **not specified**

HERWIG

Presenter: GIESEKE, Stefan (Karlsruhe Institute of Technology)

Contribution ID: **29**

Type: **not specified**

SHERPA

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

Contribution ID: **30**

Type: **not specified**

How to observe MPIs

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

Contribution ID: 31

Type: **not specified**

Tuning MPI parameters in MC generators

Presenter: HOETH, Hendrik (Durham University)

Contribution ID: **32**

Type: **not specified**

MPIs in D0

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

Contribution ID: 33

Type: **not specified**

Opening

Sunday 5 January 2014 09:15 (15 minutes)

Presenter: ANDELMAN, David (Tel Aviv University)

Session Classification: Session 1

Contribution ID: 34

Type: **not specified**

Physics with Neutrinos at the CERN SPS in the early 1980s

Sunday 5 January 2014 09:30 (30 minutes)

Presenter: SCHLATTER, Wolf-Dieter (CERN)

Session Classification: Session 1

Contribution ID: 35

Type: **not specified**

Neutrino oscillations, today and tomorrow

Sunday 5 January 2014 10:00 (30 minutes)

Presenter: RONDIO, Ewa (National Centre for Nuclear Research)

Session Classification: Session 1

Contribution ID: 36

Type: **not specified**

Dynamic Quantum Clustering (DQC) facilitates visual exploration of big data

Sunday 5 January 2014 11:00 (30 minutes)

Presenter: HORN, David (Tel Aviv University)

Session Classification: Session 2

Contribution ID: 37

Type: **not specified**

Diffraction at HERA

Sunday 5 January 2014 11:30 (30 minutes)

Presenter: Prof. GLASMAN KUGUEL, Claudia Beatriz (Universidad Autonoma de Madrid (ES))

Session Classification: Session 2

Contribution ID: **38**

Type: **not specified**

After the first LHC phase

Sunday 5 January 2014 12:00 (30 minutes)

Presenter: POKORSKI, Stefan (Warsaw University)

Session Classification: Session 2

Contribution ID: 39

Type: **not specified**

Physics scope of CLIC, a future TeV-scale e⁺e⁻ linear collider

Sunday 5 January 2014 14:00 (30 minutes)

Presenter: LINSSEN, Lucie (CERN)

Session Classification: Session 3

Contribution ID: 40

Type: **not specified**

Plasma wakefield acceleration and the future of particle physics

Sunday 5 January 2014 14:30 (30 minutes)

Presenter: CALDWELL, Allen (Max Planck Institute)

Session Classification: Session 3

Contribution ID: 41

Type: **not specified**

Status of the Cherenkov Telescope Array Project

Sunday 5 January 2014 15:00 (30 minutes)

Presenter: SCHLENSTEDT, Stefan (DESY)

Session Classification: Session 3

Contribution ID: 42

Type: **not specified**

1913: A wonder year?

Sunday 5 January 2014 16:10 (1h 5m)

Presenter: WRÓBLEWSKI, Andrzej (Warsaw University)

Session Classification: Colloquium