

pA@LHC

Report of Contributions

Contribution ID: 0

Type: **not specified**

PDF-fits: recent developments

Tuesday, June 5, 2012 9:00 AM (1 hour)

Presenter: ROJO CHACON, Juan (CERN)

Session Classification: Constraining nuclear parton distribution functions in pA@LHC

Contribution ID: 1

Type: **not specified**

Very forward physics in pA - theory

Presenter: STRIKMAN, Mark

Contribution ID: 2

Type: **not specified**

Very forward physics in pA - theory

Presenter: STRIKMAN, Mark

Contribution ID: 3

Type: **not specified**

Spatial Dependence of nPDFs

Tuesday, June 5, 2012 10:00 AM (20 minutes)

Presenter: HELENIUS, Ilkka (Helsinki Institute of Physics (HIP)-Univ. of Helsinki, Fac. of S)

Session Classification: Constraining nuclear parton distribution functions in pA@LHC

Contribution ID: 4

Type: **not specified**

R_pA for single hadron production

Presenter: QIU, Jianwei (Brookhaven National Lab)

Contribution ID: 5

Type: **not specified**

A-dependence of Z-production

Presenter: QIU, Jianwei (Brookhaven National Lab)

Contribution ID: 6

Type: **not specified**

The use of pA for benchmarking AA collisions

Thursday, June 7, 2012 9:00 AM (1 hour)

Presenter: WANG, Xin-Nian (Lawrence Berkeley National Laboratory)

Session Classification: pA benchmark measurements for AA

Contribution ID: 7

Type: **not specified**

A-dependence of Z-production

Thursday, June 7, 2012 11:20 AM (30 minutes)

Presenter: QIU, Jianwei (Brookhaven National Lab)

Session Classification: pA benchmark measurements for AA

Contribution ID: 8

Type: **not specified**

CGC predictions for RpA, multiplicities and KNO scaling in pA@LHC

Thursday, June 7, 2012 10:50 AM (30 minutes)

Presenter: DUMITRU, Adrian (Baruch College (City University of New York))

Session Classification: pA benchmark measurements for AA

Contribution ID: 9

Type: **not specified**

CGC expectations for pA @ LHC

Wednesday, June 6, 2012 9:00 AM (1 hour)

Presenter: JALILIAN-MARIAN, Jamal (Baruch College)

Session Classification: Small-x saturation physics in pA@LHC

Contribution ID: 10

Type: **not specified**

Transverse momentum broadening of heavy quarkonium

Presenter: QIU, Jianwei (Brookhaven National Lab)

Contribution ID: 11

Type: **not specified**

Forward Particle Production

Wednesday, June 6, 2012 11:00 AM (30 minutes)

Presenter: KOVNER, Alexander (University of Connecticut)

Session Classification: Small-x saturation physics in pA@LHC

Contribution ID: 12

Type: **not specified**

Forward rapidity observables (dihadron correlations and single inclusive hadron production) in pA at LHC

Presenter: XIAO, Bowen (Pennsylvania State University)

Contribution ID: 13

Type: **not specified**

Inclusive hadron and prompt photon in pA at LHC from the CGC

Wednesday, June 6, 2012 11:30 AM (30 minutes)

Presenter: REZAEIAN, Amir

Session Classification: Small-x saturation physics in pA@LHC

Contribution ID: 14

Type: **not specified**

Bulk particle production in pA at LHC and gluon saturation

Presenter: REZAEIAN, Amir

Contribution ID: 15

Type: **not specified**

pA in the LHC machine

Monday, June 4, 2012 9:00 AM (30 minutes)

Presenter: Dr JOWETT, John (CERN)

Session Classification: pA@LHC: Machine and experimental capabilities

Contribution ID: 16

Type: **not specified**

ALICE plans for pA data taking

Monday, June 4, 2012 9:30 AM (30 minutes)

Presenter: Dr TOIA, Alberica (Johann-Wolfgang-Goethe Univ. (DE))

Session Classification: pA@LHC: Machine and experimental capabilities

Contribution ID: 17

Type: **not specified**

CMS plans for data taking

Monday, June 4, 2012 2:00 PM (30 minutes)

Presenters: SIKLER, Ferenc (Hungarian Academy of Sciences (HU)); SIKLER, Ferenc (Wigner RCP, Budapest (HU))

Session Classification: pA@LHC: Machine and experimental capabilities

Contribution ID: **18**

Type: **not specified**

LHCf plans for pA data taking

Monday, June 4, 2012 3:30 PM (20 minutes)

Presenter: NODA, Koji (Universita e INFN (IT))

Session Classification: pA@LHC: Machine and experimental capabilities

Contribution ID: 19

Type: **not specified**

Lessons from p(D)+Au at AGS, SPS and RHIC that will make pA at LHC a major milestone

Monday, June 4, 2012 10:30 AM (45 minutes)

Presenter: GYULASSY, Miklos (Columbia University)

Session Classification: pA@LHC: Machine and experimental capabilities

Contribution ID: 20

Type: **not specified**

ATLAS plans for pA data taking

Monday, June 4, 2012 3:10 PM (20 minutes)

Presenter: MILOV, Alexander (Weizmann Institute of Science (IL))

Session Classification: pA@LHC: Machine and experimental capabilities

Contribution ID: 21

Type: **not specified**

Totem plans for pA data taking

Monday, June 4, 2012 2:30 PM (20 minutes)

Presenter: OSTERBERG, Kenneth (University of Helsinki)

Session Classification: pA@LHC: Machine and experimental capabilities

Contribution ID: 22

Type: **not specified**

Lessons from d-Au at RHIC for pA@LHC

Monday, June 4, 2012 11:15 AM (45 minutes)

Presenter: MCLERRAN, Larry (BNL)

Session Classification: pA@LHC: Machine and experimental capabilities

Contribution ID: 23

Type: **not specified**

Common Discussion of presentations by Miklos Gyulassy and Larry McLerran

Monday, June 4, 2012 12:00 PM (30 minutes)

Presenter: WIEDEMANN, Urs (CERN)

Session Classification: pA@LHC: Machine and experimental capabilities

Contribution ID: 24

Type: **not specified**

Wounded constituents in proton-nucleus collisions”

Presenter: BIALAS, Andrzej (Jagellonian U., Cracow, Poland)

Contribution ID: 25

Type: **not specified**

R_pA for single hadron production

Tuesday, June 5, 2012 11:10 AM (30 minutes)

Presenter: QIU, Jianwei (Brookhaven National Lab)

Session Classification: Constraining nuclear parton distribution functions in pA@LHC

Contribution ID: 26

Type: **not specified**

Wounded constituents in proton-nucleus collisions

Thursday, June 7, 2012 10:00 AM (30 minutes)

Presenter: BIALAS, Andrzej (Jagellonian U., Cracow, Poland)

Session Classification: pA benchmark measurements for AA

Contribution ID: 27

Type: **not specified**

Heavy-quarkonium suppression in p-A collisions from medium-induced gluon radiation

Wednesday, June 6, 2012 10:20 AM (20 minutes)

Presenter: ARLEO, Francois (LAPTH, Annecy-le-Vieux)

Session Classification: Small-x saturation physics in pA@LHC

Contribution ID: 28

Type: **not specified**

npdfs (and nFFs) in DSSZ

Tuesday, June 5, 2012 10:20 AM (20 minutes)

Presenter: ZURITA, Maria (Buenos Aires University)

Session Classification: Constraining nuclear parton distribution functions in pA@LHC

Contribution ID: 29

Type: **not specified**

LHCb plans for data taking

Monday, June 4, 2012 2:50 PM (20 minutes)

Presenter: SCHMELLING, Michael (Max-Planck-Gesellschaft (DE))

Session Classification: pA@LHC: Machine and experimental capabilities

Contribution ID: 30

Type: **not specified**

Saturation in central-forward jet production in p-Pb collisions at LHC

Wednesday, June 6, 2012 10:00 AM (20 minutes)

Presenter: SAPETA, Sebastian (Unknown)

Session Classification: Small-x saturation physics in pA@LHC

Contribution ID: 31

Type: **not specified**

Predictions for p+Pb at 4.4A TeV to test initial state nuclear shadowing at LHC energies

Presenter: LEVAI, Peter (Hungarian Academy of Sciences (HU))

Contribution ID: 32

Type: **not specified**

Predictions for p+Pb at 4.4A TeV to test initial state nuclear shadowing at LHC energies

Presenter: LEVAI, Peter (Hungarian Academy of Sciences (HU))

Contribution ID: 33

Type: **not specified**

Very forward physics in pA - theory

Thursday, June 7, 2012 2:30 PM (1 hour)

Presenter: STRIKMAN, Mark

Session Classification: Very forward physics in pA

Contribution ID: 34

Type: **not specified**

Color coherence effects in medium-induced radiation in pA

Thursday, June 7, 2012 11:50 AM (30 minutes)

Presenter: SALGADO LOPEZ, Carlos Albert (Universidade de Santiago de Compostela (ES))

Session Classification: pA benchmark measurements for AA

Contribution ID: 35

Type: **not specified**

Forward rapidity observables (dihadron correlations and single inclusive hadron production) in pA at LHC

Tuesday, June 5, 2012 11:40 AM (20 minutes)

Presenter: XIAO, Bowen (Pennsylvania State University)

Session Classification: Constraining nuclear parton distribution functions in pA@LHC

Contribution ID: 36

Type: **not specified**

Evolution of particle density in high energy collisions (pp, AA, pA)

Presenter: BAUTISTA, irais (USC)

Contribution ID: 37

Type: **not specified**

Discussion contributions

Tuesday, June 5, 2012 2:00 PM (1h 30m)

Presenters: Dr TOIA, Alberica (Johann-Wolfgang-Goethe Univ. (DE)); COLE, Brian (Columbia University (US)); OPPEDISANO, Chiara (Universita e INFN (IT)); HOFMAN, David (University of Illinois at Chicago (US)); SIKLER, Ferenc (Wigner RCP, Budapest (HU)); STRIKMAN, Mark

Session Classification: Discussion session: centrality measurements in pA