

LHC Working Group on Forward Physics and Diffraction

Report of Contributions

Contribution ID: 1

Type: **not specified**

News

Tuesday 18 December 2018 09:00 (10 minutes)

Presenters: ROYON, Christophe (University of Kansas (US)); NEWMAN, Paul Richard (University of Birmingham (GB))

Contribution ID: 2

Type: **not specified**

New results from TOTEM

Tuesday 18 December 2018 09:10 (30 minutes)

Presenter: OSTERBERG, Kenneth (Helsinki Institute of Physics (FI))

Contribution ID: 3

Type: **not specified**

News from the 900 GeV run from ALFA

Tuesday 18 December 2018 09:40 (30 minutes)

Presenter: HILLER, Karlheinz (Deutsches Elektronen-Synchrotron (DE))

Contribution ID: 4

Type: **not specified**

Discussion: ALFA and TOTEM results, AFP/PPS

Tuesday 18 December 2018 11:30 (30 minutes)

Contribution ID: 5

Type: **not specified**

The FASER project

Tuesday 18 December 2018 13:30 (30 minutes)

Presenter: TROJANOWSKI, Sebastian (National Centre for Nuclear Research)

Contribution ID: 6

Type: **not specified**

News from the Pb Pb run and future prospects for UPC from Alice

Tuesday 18 December 2018 14:00 (30 minutes)

Presenter: VILLALOBOS BAILLIE, Orlando (University of Birmingham (GB))

Contribution ID: 7

Type: **not specified**

Rho and total cross section measurements from TOTEM

Tuesday 18 December 2018 11:00 (15 minutes)

Presenter: KASPAR, Jan (Acad. of Sciences of the Czech Rep. (CZ))

Contribution ID: 8

Type: **not specified**

AFP at ATLAS: experience from Run II

Tuesday 18 December 2018 14:30 (30 minutes)

Presenter: TRZEBINSKI, Maciej (Polish Academy of Sciences (PL))

Contribution ID: 9

Type: **not specified**

Photon collider search strategy for sleptons and dark matter at the LHC

Tuesday 18 December 2018 15:30 (30 minutes)

Presenters: LIU, Jesse (University of Oxford); BERESFORD, Lydia Audrey (University of Oxford (GB))

Contribution ID: **10**

Type: **not specified**

Coffee break

Contribution ID: 11

Type: **not specified**

Searching for DM with forward protons at the LHC

Tuesday 18 December 2018 16:00 (30 minutes)

Presenter: KHOZE, Valery (University of Durham (GB))

Contribution ID: 12

Type: **not specified**

Anomalous coupling studies and search for ALPs in pp, pA and AA collisions

Tuesday 18 December 2018 16:30 (30 minutes)

Presenter: BALDENEGRO BARRERA, Cristian (The University of Kansas (US))

Contribution ID: 13

Type: **not specified**

Anomalous coupling studies in HIN runs

Presenter: SCHOEFFEL, Laurent Olivier (Université Paris-Saclay (FR))

Contribution ID: 14

Type: **not specified**

Discussion: anomalous couplings, DM. future studies...

Tuesday 18 December 2018 17:00 (30 minutes)

Contribution ID: 15

Type: **not specified**

Machine constraints and optics for HL LHC

Wednesday 19 December 2018 11:00 (30 minutes)

Presenter: DE MARIA, Riccardo (CERN)

Contribution ID: 16

Type: **not specified**

Acceptance studies for tagging protons at HL LHC

Wednesday 19 December 2018 11:30 (30 minutes)

Presenter: DEILE, Mario (CERN)

Contribution ID: 17

Type: **not specified**

ATLAS prospects for forward physics at HL-LHC

Wednesday 19 December 2018 12:00 (30 minutes)

Presenter: RIJSSENBEK, Michael (Stony Brook University (US))

Contribution ID: **18**

Type: **not specified**

Forward physics at HL LHC

Wednesday 19 December 2018 14:30 (30 minutes)

Presenter: Dr HARLAND-LANG, Lucian (University of Oxford)

Contribution ID: 19

Type: **not specified**

pO runs at the LHC

Wednesday 19 December 2018 14:00 (30 minutes)

Presenters: Dr DEMBINSKI, Hans Peter (Max-Planck-Institute for Nuclear Physics, Heidelberg); UL-RICH, Ralf (KIT - Karlsruhe Institute of Technology (DE))

Contribution ID: 20

Type: **not specified**

Discussion: HL LHC, inputs to LHCC

Wednesday 19 December 2018 15:00 (40 minutes)

Contribution ID: 21

Type: **not specified**

Baryon charge asymmetry at LHC , String Junction transfer in proton reactions and SJ torus as DM candidate

Wednesday 19 December 2018 09:30 (30 minutes)

Presenter: PISKOUNOVA, Olga

Contribution ID: 22

Type: **not specified**

New results in CMS using CASTOR

Wednesday 19 December 2018 10:00 (30 minutes)

Presenter: VAN DE KLUNDERT, Merijn (Deutsches Elektronen-Synchrotron (DE))

Contribution ID: 23

Type: **not specified**

Very forward jets and jet gap jets

Presenter: DEGANUTTI, Federico

Contribution ID: 24

Type: **not specified**

The SAS@LHC project

Wednesday 19 December 2018 16:10 (30 minutes)

Presenter: ALBROW, Michael (Fermi National Accelerator Lab. (US))

Contribution ID: 25

Type: **not specified**

Discussion: future projects

Wednesday 19 December 2018 16:40 (20 minutes)

Contribution ID: 26

Type: **not specified**

Conclusion, next meeting

Wednesday 19 December 2018 17:00 (15 minutes)

Presenters: ROYON, Christophe (University of Kansas (US)); NEWMAN, Paul Richard (University of Birmingham (GB))

Contribution ID: 27

Type: **not specified**

On the Odderon and all that

Tuesday 18 December 2018 10:10 (20 minutes)

Presenter: PETROV, Vladimir (Institute for High Energy Physics of NRC Kurchatov Institute (R))

Contribution ID: 28

Type: **not specified**

PPS status

Tuesday 18 December 2018 11:15 (15 minutes)

Presenter: AVATI, Valentina (AGH University of Science and Technology (PL))