

# **LHC Working Group on Forward Physics and Diffraction**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## News

*Thursday 7 December 2017 09:00 (10 minutes)*

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

Contribution ID: 2

Type: **not specified**

## CT-PPS physics results and data taking

*Thursday 7 December 2017 09:10 (25 minutes)*

**Presenter:** Dr FORTHOMME, Laurent (The University of Kansas (US))

Contribution ID: 3

Type: **not specified**

## First AFP results

*Thursday 7 December 2017 09:35 (25 minutes)*

**Presenter:** STASZEWSKI, Rafał (IFJ PAN Cracow (PL))

Contribution ID: 4

Type: **not specified**

## TOTEM results

*Thursday 7 December 2017 10:00 (25 minutes)*

**Presenter:** KASPAR, Jan (INFN Sezione di Pisa, Universita' e Scuola Normale Superiore, P)

Contribution ID: 5

Type: **not specified**

## Alfa results

Contribution ID: 6

Type: **not specified**

## Discussion: models and uncertainties on rho parameter

*Thursday 7 December 2017 11:10 (20 minutes)*

**Presenter:** GRAFSTROM, Per (Universita e INFN, Bologna (IT))

Contribution ID: 7

Type: **not specified**

## LHCb results and data taking

*Thursday 7 December 2017 11:30 (25 minutes)*

**Presenter:** MCNULTY, Ronan (University College Dublin (IE))

Contribution ID: 8

Type: **not specified**

## Superchic MC: Updates

*Thursday 7 December 2017 11:55 (25 minutes)*

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

Contribution ID: 9

Type: **not specified**

## CT-PPS timing and pixel detector status

*Thursday 7 December 2017 14:35 (20 minutes)*

**Presenter:** MINAFRA, Nicola (The University of Kansas (US))

Contribution ID: **10**

Type: **not specified**

## TOTEM status

*Thursday 7 December 2017 13:45 (25 minutes)*

**Presenter:** BAECHLER, Joachim (CERN)

Contribution ID: **11**

Type: **not specified**

## **AFP detector status**

*Thursday 7 December 2017 14:10 (25 minutes)*

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

Contribution ID: 12

Type: **not specified**

## **Picosecond synchronization of dispersed detectors**

*Thursday 7 December 2017 15:15 (20 minutes)*

**Presenter:** RADULESCU, Radu

Contribution ID: **13**

Type: **not specified**

## **TOF electronics for AFP**

*Thursday 7 December 2017 14:55 (20 minutes)*

**Presenter:** PINFOLD, James (University of Alberta (CA))

Contribution ID: 14

Type: **not specified**

## On physical meaning of some diffractive observations at the LHC

*Thursday 7 December 2017 16:45 (25 minutes)*

**Presenter:** PETROV, Vladimir (Institute for High Energy Physics (RU))

Contribution ID: 15

Type: **not specified**

## Exclusive central production of $p\bar{p}$ pairs in proton-proton

*Thursday 7 December 2017 16:00 (25 minutes)*

**Presenter:** SZCZUREK, Antoni (Institute of Nuclear Physics)

Contribution ID: 16

Type: **not specified**

## Search for axions using tagged protons

*Thursday 7 December 2017 16:25 (20 minutes)*

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

Contribution ID: 17

Type: **not specified**

**tba**

*Thursday 7 December 2017 17:10 (25 minutes)*

**Presenter:** BRODSKY, Stanley J. (SLAC National Accelerator Laboratory, Stanford University)

Contribution ID: **18**

Type: **not specified**

## **String Junction Toroid in DD and double multiplicity in hadroproduction**

*Thursday 7 December 2017 17:35 (20 minutes)*

**Presenter:** PISKUNOVA, Olga (Russian Academy of Sciences (RU))

Contribution ID: 19

Type: **not specified**

## Pushing the limits of multi-Regge kinematics

*Friday 8 December 2017 09:00 (25 minutes)*

**Presenter:** SABIO VERA, Agustin (Universidad Autonoma de Madrid (ES))

Contribution ID: 20

Type: **not specified**

## Forward di-jets in p+A collisions in the ITMD framework

*Friday 8 December 2017 09:25 (25 minutes)*

**Presenter:** MATAS, Marek (CERN)

Contribution ID: 21

Type: **not specified**

## **LHCf and ATLAS joint results**

*Friday 8 December 2017 09:50 (25 minutes)*

**Presenter:** ZHOU, Qidong (Nagoya University (JP))

Contribution ID: 22

Type: **not specified**

## Ultra-forward particle production from CGC+Lund fragmentation

*Friday 8 December 2017 10:15 (25 minutes)*

**Presenter:** GUERRERO RODRÍGUEZ, Pablo (UGR)

Contribution ID: 23

Type: **not specified**

## AFP physics prospects

*Friday 8 December 2017 11:10 (25 minutes)*

**Presenter:** TASEVSKY, Marek (Acad. of Sciences of the Czech Rep. (CZ))

Contribution ID: 24

Type: **not specified**

## Alice status and plans in UPC and diffraction

*Friday 8 December 2017 11:35 (25 minutes)*

**Presenters:** MIESKOLAINEN, Matti Mikael (Helsinki Institute of Physics (HIP)); ORAVA, Risto (Helsinki Institute of Physics (FI))

Contribution ID: 25

Type: **not specified**

## Discussion

*Friday 8 December 2017 12:00 (1 hour)*

Contribution ID: 26

Type: **not specified**

## On elastic pp scattering at 13 TeV in the theoretical perspective

*Thursday 7 December 2017 10:50 (20 minutes)*

**Presenter:** KHOZE, Valery