

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

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## News

*Tuesday 15 March 2016 09:30 (15 minutes)*

**Presenters:** ROYON, Christophe (University of Kansas (US)); CARTIGLIA, Nicolo (INFN)

Contribution ID: 1

Type: **not specified**

## CT-PPS status

*Tuesday 15 March 2016 09:45 (30 minutes)*

**Presenter:** VARELA, Joao (LIP Laboratorio de Instrumentacao e Fisica Experimental de Part)

Contribution ID: 2

Type: **not specified**

## The AFP detector

**Presenter:** STUGU, Bjarne (University of Bergen (NO))

Contribution ID: 3

Type: **not specified**

## **TOTEM physics results**

*Tuesday 15 March 2016 11:15 (25 minutes)*

**Presenter:** KASPAR, Jan (CERN)

Contribution ID: 4

Type: **not specified**

## **BFKL resummation effects using the BFKLex MC**

*Tuesday 15 March 2016 12:05 (30 minutes)*

**Presenter:** CHACHAMIS, Grigorios (Universidad de Valencia (ES))

Contribution ID: 5

Type: **not specified**

## Confirming RHIC saturation signals at the LHC

*Tuesday 15 March 2016 12:35 (20 minutes)*

**Presenter:** MARQUET, Cyrille (CPHT - Ecole Polytechnique)

Contribution ID: 6

Type: **not specified**

## **Discussion - Forward jets, CASTOR, T2**

*Tuesday 15 March 2016 12:55 (15 minutes)*



Contribution ID: 7

Type: **not specified**

## The FCC project

*Tuesday 15 March 2016 15:30 (25 minutes)*

**Presenter:** BURKHARDT, Helmut (CERN)

Contribution ID: 8

Type: **not specified**

## The FCC Forward Physics Working Group, discussion

*Tuesday 15 March 2016 15:55 (35 minutes)*

**Presenters:** VILELA PEREIRA, Antonio (Universidade do Estado do Rio de Janeiro (BR)); HARLAND-LANG, Lucian (University College London)

Contribution ID: 9

Type: **not specified**

## **Photon induced processes and the observation of a possible resonance in CT-PPS**

*Tuesday 15 March 2016 17:00 (25 minutes)*

**Presenter:** ROYON, Christophe (University of Kansas (US))

Contribution ID: 10

Type: **not specified**

## Scattering light by light at 750 GeV at the LHC

*Tuesday 15 March 2016 17:25 (25 minutes)*

**Presenter:** FREIHERR VON GERSDORFF, Gero

Contribution ID: 11

Type: **not specified**

## **New results on photon-photon mechanism and the 750 GeV resonance**

*Tuesday 15 March 2016 17:50 (25 minutes)*

**Presenter:** KHOZE, Valery

Contribution ID: 12

Type: **not specified**

## **Simulation of a possible resonance at 750 GeV in CT-PPS**

*Wednesday 16 March 2016 09:30 (20 minutes)*

**Presenter:** HOLLAR, Jonathan Jason (LIP Laboratorio de Instrumentacao e Fisica Experimental de Part)

Contribution ID: 13

Type: **not specified**

## Physics with AFP0+2, AFP2+2

*Wednesday 16 March 2016 09:50 (30 minutes)*

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

Contribution ID: 14

Type: **not specified**

## **Discussion about forward proton detectors in 2016 running and the potential 750 GeV resonance**

*Wednesday 16 March 2016 10:20 (20 minutes)*



Contribution ID: 15

Type: **not specified**

## **Status of forward shower counters and plans for physics in LHCb**

*Wednesday 16 March 2016 11:10 (30 minutes)*

**Presenter:** COLLINS, Paula (CERN)

Contribution ID: 16

Type: **not specified**

## **AFP infrastructure and installation**

*Wednesday 16 March 2016 11:40 (25 minutes)*

**Presenter:** SICHOU, Petr (Acad. of Sciences of the Czech Rep. (CZ))

Contribution ID: 17

Type: **not specified**

## **AFP detector and commissioning**

*Tuesday 15 March 2016 10:15 (30 minutes)*

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

Contribution ID: 18

Type: **not specified**

## **Average transverse momenta of baryon production at p-p collider experiments and their crucial implications for the HE hadron physics**

*Wednesday 16 March 2016 12:55 (20 minutes)*

**Presenter:** PISKOUNOVA, Olda

Contribution ID: **19**

Type: **not specified**

## **Roman pot status, pot insertion... (TOTEM/CMS)**

*Wednesday 16 March 2016 12:30 (25 minutes)*

**Presenter:** DEILE, Mario (CERN)

Contribution ID: 20

Type: **not specified**

## **Diamond timing detectors for TOTEM and CT-PPS**

*Wednesday 16 March 2016 15:30 (30 minutes)*

**Presenter:** BERRETTI, Mirko (Helsinki Institute of Physics (FI))

Contribution ID: 21

Type: **not specified**

## Test Beam results for AFP ToF

*Wednesday 16 March 2016 16:00 (25 minutes)*

**Presenter:** SYKORA, Tomas (Charles University (CZ))

Contribution ID: 22

Type: **not specified**

## Test Beam results for Tracking

*Wednesday 16 March 2016 17:20 (25 minutes)*

**Presenter:** LANGE, Joern (IFAE Barcelona)



Contribution ID: 23

Type: **not specified**

## **DCS and TDAQ for AFP**

*Wednesday 16 March 2016 12:05 (25 minutes)*

**Presenter:** BANAS, Elzbieta (Polish Academy of Sciences (PL))

Contribution ID: 24

Type: **not specified**

## Conclusions, future meetings

*Wednesday 16 March 2016 17:45 (10 minutes)*

**Presenters:** ROYON, Christophe (University of Kansas (US)); CARTIGLIA, Nicolo (INFN)

Contribution ID: 25

Type: **not specified**

## **ALFA operation and prospects**

*Tuesday 15 March 2016 11:40 (25 minutes)*

**Presenter:** FASSNACHT, Patrick (CERN)

Contribution ID: 26

Type: **not specified**

## **AFP tracker production and testing**

*Wednesday 16 March 2016 16:55 (25 minutes)*

**Presenter:** LOPEZ PAZ, Ivan (Universitat Autònoma de Barcelona (ES))