

**Photon-induced processes**

**Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Workshop Welcome

*Thursday, 3 November 2022 12:00 (10 minutes)*

**Presenters:** LOHWASSER, Kristin (University of Sheffield (GB)); SCHOENHERR, Marek (IPPP Durham)

**Session Classification:** Overview of photon-induced processes at the LHC

Contribution ID: 2

Type: **not specified**

## General experimental overview

*Thursday, 3 November 2022 12:10 (40 minutes)*

AFP setup and current measurements

**Presenter:** TRZEBINSKI, Maciej (IFJ PAN)

**Session Classification:** Overview of photon-induced processes at the LHC

Contribution ID: 3

Type: **not specified**

## Theory overview

*Thursday, 3 November 2022 12:50 (40 minutes)*

**Presenter:** HARLAND-LANG, Lucian (University College London)

**Session Classification:** Overview of photon-induced processes at the LHC

Contribution ID: 4

Type: **not specified**

## **Future opportunities: AFP-HL-LHC**

*Thursday, 3 November 2022 13:30 (30 minutes)*

**Presenter:** LIU, Jesse (University of Cambridge)

**Session Classification:** Overview of photon-induced processes at the LHC

Contribution ID: 5

Type: **not specified**

## **Future options: 420m AFP**

*Thursday, 3 November 2022 14:00 (20 minutes)*

**Presenter:** PILKINGTON, Andrew (University of Manchester)

**Session Classification:** Overview of photon-induced processes at the LHC

Contribution ID: 6

Type: **not specified**

## Generator Infrastructure

**Session Classification:** Overview of photon-induced processes at the LHC

Contribution ID: 7

Type: **not specified**

## **ATLAS Breakout: Code infrastructure**

*Thursday, 3 November 2022 16:15 (30 minutes)*

**Presenter:** ANASTOPOULOS, Christos

**Session Classification:** ATLAS Breakout



Contribution ID: 8

Type: **not specified**

## **ATLAS Breakout: Recent Analysis to join / Person power**

*Thursday, 3 November 2022 16:45 (30 minutes)*

**Session Classification:** ATLAS Breakout

Contribution ID: 9

Type: **not specified**

## **ATLAS Breakout: Experimental infrastructure**

*Thursday, 3 November 2022 17:15 (30 minutes)*

**Session Classification:** ATLAS Breakout

Contribution ID: **10**

Type: **not specified**

## **Generator Infrastructure: Herwig**

*Thursday, 3 November 2022 15:00 (15 minutes)*

**Presenter:** RICHARDSON, Peter (IPPP)

**Session Classification:** Generator Infrastructure

Contribution ID: 11

Type: **not specified**

## **Generator Infrastructure: Sherpa**

*Thursday, 3 November 2022 15:15 (15 minutes)*

**Presenter:** MEINZINGER, Peter (IPPP)

**Session Classification:** Generator Infrastructure

Contribution ID: 12

Type: **not specified**

## AFP dilepton measurement

*Friday, 4 November 2022 09:00 (20 minutes)*

**Presenter:** CLAWSON, Savannah

**Session Classification:** Details of photo-production measurements

Contribution ID: 13

Type: **not specified**

## **exclusive WW (without AFP)**

*Friday, 4 November 2022 09:20 (20 minutes)*

**Presenter:** SOMMER, Philip

**Session Classification:** Details of photo-production measurements

Contribution ID: 14

Type: **not specified**

## **Generator Infrastructure: Pythia**

*Thursday, 3 November 2022 15:30 (15 minutes)*

**Presenter:** HELENIUS, Ilkka

**Session Classification:** Generator Infrastructure

Contribution ID: 15

Type: **not specified**

## Top processes in photon collisions

*Friday, 4 November 2022 09:40 (20 minutes)*

**Presenter:** HOWARTH, James (University of Manchester)

**Session Classification:** Details of photo-production measurements



Contribution ID: 16

Type: **not specified**

## **Photon induced di-jets and general QCD analysis with AFP**

*Friday, 4 November 2022 10:00 (20 minutes)*

**Presenter:** TASEVSKY, Marek

**Session Classification:** Details of photo-production measurements

Contribution ID: 17

Type: **not specified**

## Theory modelling in the measurements

*Thursday, 3 November 2022 14:50 (10 minutes)*

**Presenter:** LOHWASSER, Kristin (University of Sheffield (GB))

**Session Classification:** Generator Infrastructure