

# **LHC EW WG General Meeting**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Summary of Global Interpretation from the Saclay Workshop

*Tuesday, 17 December 2019 10:35 (20 minutes)*

**Presenter:** BERGER, Nicolas (Centre National de la Recherche Scientifique (FR))

**Session Classification:** Topical Session

Contribution ID: 2

Type: **not specified**

## **Which additional information has to be provided for measurements?**

*Tuesday, 17 December 2019 11:05 (20 minutes)*

**Presenter:** CORPE, Louie Dartmoor (University of London (GB))

**Session Classification:** Topical Session

Contribution ID: 4

Type: **not specified**

## **Discussion: Common LHC infrastructure/framework for Global Fits**

*Tuesday, 17 December 2019 11:35 (55 minutes)*

**Session Classification:** Topical Session

Contribution ID: 5

Type: **not specified**

## **Summary of Status and Issues for NLO EW Corrections for weak mixing angle and $m_W$**

*Tuesday, 17 December 2019 13:30 (45 minutes)*

**Presenter:** RICHTER-WAS, Elzbieta (Jagiellonian University (PL))

**Session Classification:** Topical Session

Contribution ID: 6

Type: **not specified**

## **NNLO-PS Calculations without grids (for both diboson and single boson production)**

*Tuesday, 17 December 2019 14:15 (45 minutes)*

**Presenter:** WIESEMANN, Marius (Max-Planck-Institut für Physik (DE))

**Session Classification:** Topical Session

Contribution ID: 7

Type: **not specified**

## Resummation Benchmarking

*Tuesday, 17 December 2019 15:00 (45 minutes)*

**Presenters:** BERTONE, Valerio; Dr BERTONE, Valerio (Università degli studi di Pavia)

**Session Classification:** Topical Session

Contribution ID: **10**

Type: **not specified**

## **Status and Plans from the EW Precision Group**

*Wednesday, 18 December 2019 09:00 (30 minutes)*

**Presenter:** PICCININI, Fulvio (Universita and INFN (IT))

**Session Classification:** Topical Session



Contribution ID: 11

Type: **not specified**

## Status and Plans of the Multi-Boson Group

*Wednesday, 18 December 2019 10:00 (30 minutes)*

**Presenters:** LINDERT, Jonas (University of Sussex); LOHWASSER, Kristin (University of Sheffield (GB)); Dr VISCHIA, Pietro (Universite Catholique de Louvain (UCL) (BE))

**Session Classification:** Topical Session

Contribution ID: 12

Type: **not specified**

## Status and Plans of the QCD Group

*Wednesday, 18 December 2019 09:30 (30 minutes)*

**Presenters:** CANDELISE, Vieri (Universita di Roma I "La Sapienza"-Universita & INFN, Roma I); Dr CANDELISE, Vieri (Universita e INFN Trieste (IT))

**Session Classification:** Topical Session

Contribution ID: 13

Type: **not specified**

## **Discussion on approval formalities, authorship, and common timelines (EW WG conveners)**

*Wednesday, 18 December 2019 10:30 (1h 30m)*

**Session Classification:** Topical Session

Contribution ID: 15

Type: **not specified**

## PDF Benchmarking

*Wednesday, 18 December 2019 14:00 (1 hour)*

**Presenter:** GLAZOV, Alexander (Deutsches Elektronen-Synchrotron (DE))

**Session Classification:** Topical Session

Contribution ID: 16

Type: **not specified**

## **Relevance of Photon Induced processes for Drell-Yan and Multiboson production**

*Wednesday, 18 December 2019 13:00 (30 minutes)*

**Presenter:** PAGANI, Davide (Technische Universität Muenchen (DE))

**Session Classification:** Topical Session

Contribution ID: 17

Type: **not specified**

## **Start of the Discussion on Sensitivity of multiboson processes to higher order corrections**

*Tuesday, 17 December 2019 15:45 (15 minutes)*

**Presenter:** SCHOTT, Matthias (CERN / University of Mainz)

**Session Classification:** Topical Session

Contribution ID: **18**

Type: **not specified**

## Introduction

*Tuesday, 17 December 2019 09:30 (5 minutes)*

**Presenters:** MALAESCU, Bogdan (Centre National de la Recherche Scientifique (FR)); BENDAVID, Josh (CERN); SCHOTT, Matthias (CERN / University of Mainz)

Contribution ID: 19

Type: **not specified**

## Introduction to LUX QED

*Tuesday, 17 December 2019 09:35 (30 minutes)*

**Presenter:** SALAM, Gavin (CERN)



Contribution ID: 20

Type: **not specified**

## **Preparation of LHC combination (ATLAS/CMS/LHCb) for the weak mixing angle with the full run-2 dataset**

*Tuesday, 17 December 2019 10:05 (20 minutes)*

**Presenters:** KHUKHUNAISHVILI, Aleko (University of Rochester (US)); KHUKHUNAISHVILI, Aleko (University of Rochester (US))

**Session Classification:** Topical Session

Contribution ID: 21

Type: **not specified**

## **Photon-induced processes and the determination of the weak mixing angle**

*Wednesday, 18 December 2019 13:30 (30 minutes)*

**Presenters:** VICINI, Alessandro (University of Milano); VICINI, Alessandro (Università degli Studi e INFN Milano (IT))

**Session Classification:** Topical Session