

LHC EW WG General Meeting

Report of Contributions

Contribution ID: 1

Type: **not specified**

Towards an LHC $\sin^2\theta_W$ combination [20' + 10']

Monday, 17 November 2025 14:30 (30 minutes)

Presenter: SEO, Hyon San (University of Rochester (US))

Session Classification: Working Group 1 - Drell-Yan physics and EW precision measurements

Contribution ID: 2

Type: **not specified**

LHC Measurements of Lepton Flavour Universality in W Boson Decays [20' + 10']

Presenter: VELASCO, Mayda (Northwestern University (US))

Session Classification: Working Group 1 - Drell-Yan physics and EW precision measurements

Contribution ID: 3

Type: **not specified**

LHC Measurements of Z Boson Invisible Width [20' + 10']

Monday, 17 November 2025 15:00 (30 minutes)

Presenter: KLASSEN, Martin (Tufts University (US))

Session Classification: Working Group 1 - Drell-Yan physics and EW precision measurements

Contribution ID: 4

Type: **not specified**

Tolerances and Uncertainties in PDF Fitting and Profiling [20' + 10']

Tuesday, 18 November 2025 15:00 (30 minutes)

Presenter: Prof. NADOLSKY, Pavel (Michigan State University)

Session Classification: Working Groups 1 and 2 - Common Topics

Contribution ID: 5

Type: **not specified**

Mixed QCD + EW Corrections for Precision Measurements [20' + 10']

Tuesday, 18 November 2025 16:30 (30 minutes)

Presenter: BUONOCORE, Luca (CERN)

Session Classification: Working Group 1 - Drell-Yan physics and EW precision measurements

Contribution ID: 6

Type: **not specified**

Global mW Combination Status [20' + 10']

Tuesday, 18 November 2025 17:30 (30 minutes)

Presenter: PINTO, Andres (Centre National de la Recherche Scientifique (FR))

Session Classification: Working Group 1 - Drell-Yan physics and EW precision measurements

Contribution ID: 7

Type: **not specified**

mW Extraction from pT(lep) Cross Section Measurement at 5.02 TeV at LHCb [20' + 10']

Tuesday, 18 November 2025 17:00 (30 minutes)

Presenter: ABDELMOTTELEB, Ahmed (University of Warwick (GB))

Session Classification: Working Group 1 - Drell-Yan physics and EW precision measurements

Contribution ID: 8

Type: **not specified**

Overview of WG2 activities [15' + 5']

Tuesday, 18 November 2025 14:00 (20 minutes)

Presenter: CAMPANELLI, Mario (UCL)

Session Classification: Working Group 2 - Jets and EW bosons subgroup

Contribution ID: 9

Type: **not specified**

Jet measurements in ATLAS, uncertainties and correlations

Tuesday, 18 November 2025 14:20 (30 minutes)

Presenter: MALAESCU, Bogdan (LPNHE-Paris CNRS/IN2P3 (FR))

Session Classification: Working Groups 1 and 2 - Common Topics

Contribution ID: **10**

Type: **not specified**

Theory overview of substructure in Hl collisions

Tuesday, 18 November 2025 15:30 (30 minutes)

Presenter: ANDRES, Carlota (CPHT, Ecole polytechnique)

Session Classification: Working Group 2 - Jets and EW bosons subgroup

Contribution ID: **11**

Type: **not specified**

V+Jets TH [20' + 10']

Wednesday, 19 November 2025 15:00 (30 minutes)

Presenter: STAGNITTO, Giovanni (INFN e Universita Genova (IT))

Session Classification: Working Group 2 - Jets and EW bosons subgroup

Contribution ID: **12**

Type: **not specified**

V+Jets EXP [$10'+10'+10'$]

Wednesday, 19 November 2025 15:30 (30 minutes)

Author: ZULIANI, Davide (Universita e INFN, Padova (IT))

Presenters: ZULIANI, Davide (Universita e INFN, Padova (IT)); EYSERMANS, Jan (Massachusetts Inst. of Technology (US))

Session Classification: Working Group 2 - Jets and EW bosons subgroup

Contribution ID: **13**

Type: **not specified**

Parton-shower effects in VBF/VBS processes

Wednesday, 19 November 2025 14:30 (30 minutes)

Presenter: PREUSS, Christian (University of Goettingen)

Session Classification: Working Group 3 - EW multi-boson production

Contribution ID: 14

Type: **not specified**

Recent VBS+VVV results from ATLAS and CMS

Monday, 17 November 2025 16:30 (30 minutes)

Presenter: MOHRMAN, Kelci Ann (University of Florida (US))

Session Classification: Working Group 3 - EW multi-boson production

Contribution ID: 15

Type: **not specified**

Polarised-boson predictions in multi-boson processes

Monday, 17 November 2025 17:00 (30 minutes)

Presenter: PONCELET, Rene (IFJ PAN Krakow)

Session Classification: Working Group 3 - EW multi-boson production

Contribution ID: **16**

Type: **not specified**

Recent diboson and polarisation results from ATLAS and CMS

Wednesday, 19 November 2025 14:00 (30 minutes)

Presenter: BURGER, Angela Maria (Centre National de la Recherche Scientifique (FR))

Session Classification: Working Group 3 - EW multi-boson production

Contribution ID: 17

Type: **not specified**

Quantum Tomography at the LHC using Drell–Yan cross section [20' + 10']

Monday, 17 November 2025 15:30 (30 minutes)

Presenter: LOW, Matthew (University of Pittsburgh)

Session Classification: Working Group 1 - Drell-Yan physics and EW precision measurements

Contribution ID: **18**

Type: **not specified**

Updates and plans for WG3

Session Classification: Working Group 3 - EW multi-boson production

Contribution ID: **19**

Type: **not specified**

Updates and plans for WG3

Wednesday, 19 November 2025 16:30 (30 minutes)

Presenters: SAMPSONIDOU, Despoina (University of Oregon (US)); PELLICCIOLI, Giovanni (Università degli Studi di Milano-Bicocca); KOLETSSOU, Iro (Centre National de la Recherche Scientifique (FR)); PELLEN, Mathieu (University of Freiburg (DE)); FOLGUERAS, Santiago (Universidad de Oviedo (ES)); JAIN, Shilpi (Tata Institute of Fundamental Research (IN))

Session Classification: Working Group 3 - EW multi-boson production

Contribution ID: 20

Type: **not specified**

Use of jet data in Pdf Fits

Tuesday, 18 November 2025 14:50 (10 minutes)

Presenter: THORNE, Robert Samuel (University College London (UK))

Session Classification: Working Groups 1 and 2 - Common Topics

Contribution ID: **21**

Type: **not specified**

Workshop Welcome

Monday, 17 November 2025 14:00 (30 minutes)

Presenter: GRIESER, Nathan (University of Cincinnati (US))

Session Classification: General

Contribution ID: 22

Type: **not specified**

Closing and Discussion

Wednesday, 19 November 2025 17:00 (20 minutes)

Presenter: SOMMER, Philip (Technische Universitaet Dresden (DE))

Session Classification: General