

**Electroweak precision  
measurements - working  
meeting**

**Report of Contributions**

Contribution ID: 1

Type: **not specified**

## 1st session welcome

*Monday 2 October 2017 10:00 (25 minutes)*

**Presenters:** BALLI, Fabrice (CEA/IRFU,Centre d'etude de Saclay Gif-sur-Yvette (FR)); FAYARD, Louis (Universite de Paris-Sud 11 (FR)); FAYARD, Louis (Lab. de l'Accelerateur Lineaire (IN2P3) (LAL)-Universite de Pari)

Contribution ID: 2

Type: **not specified**

## **W over Z transverse momentum ratio**

*Monday 2 October 2017 10:55 (30 minutes)*

**Presenters:** TACKMANN, Frank (Deutsches Elektronen-Synchrotron (DE)); TACKMANN, Frank

Contribution ID: 3

Type: **not specified**

## **discussion**

*Monday 2 October 2017 14:15 (4 hours)*

Contribution ID: 4

Type: **not specified**

## **discussion**

*Monday 2 October 2017 11:25 (50 minutes)*

Contribution ID: 5

Type: **not specified**

## DYRES

*Monday 2 October 2017 13:45 (30 minutes)*

**Presenters:** FERRERA, Giancarlo (University of Milan); FERRERA, Giancarlo (University of Milan); FERRERA, Giancarlo (Università degli Studi e INFN Milano (IT)); FERRERA, Giancarlo (University of Milan)

Contribution ID: 6

Type: **not specified**

## **Heavy flavour effects in pTZ and impact on mW**

*Tuesday 3 October 2017 10:00 (30 minutes)*

**Presenter:** VICINI, Alessandro (Università degli Studi e INFN Milano (IT))

Contribution ID: 7

Type: **not specified**

## **discussion**

*Tuesday 3 October 2017 10:30 (1h 45m)*



Contribution ID: 8

Type: **not specified**

## **Parton shower versus resummation**

*Wednesday 4 October 2017 13:45 (30 minutes)*

**Presenter:** CAMARDA, Stefano (CERN)

Contribution ID: 9

Type: **not specified**

## **discussion**

*Tuesday 3 October 2017 14:45 (4 hours)*

Contribution ID: **10**

Type: **not specified**

## **EW effects and related uncertainties**

*Tuesday 3 October 2017 13:45 (30 minutes)*

**Presenter:** PICCININI, Fulvio (Universita e INFN, Pavia (IT))

Contribution ID: **11**

Type: **not specified**

## **discussion**

*Wednesday 4 October 2017 10:00 (2h 15m)*

Contribution ID: 12

Type: **not specified**

## Tevatron-LHC combination

**Presenters:** BOONEKAMP, Maarten (CEA/Saclay); BOONEKAMP, Maarten (CEA/IRFU, Centre d'etude de Saclay Gif-sur-Yvette (FR))

Contribution ID: **13**

Type: **not specified**

## **discussion**

*Wednesday 4 October 2017 14:15 (4 hours)*

Contribution ID: 14

Type: **not specified**

## 2nd session welcome

**Presenters:** BALLI, Fabrice (CEA/IRFU,Centre d'étude de Saclay Gif-sur-Yvette (FR)); FAYARD, Louis (Lab. de l'Accelérateur Lineaire (IN2P3) (LAL)-Universite de Pari); FAYARD, Louis (Universite de Paris-Sud 11 (FR))

Contribution ID: 15

Type: **not specified**

## Outcome of 1st session : pT(W)

**Presenters:** TACKMANN, Frank; TACKMANN, Frank (Deutsches Elektronen-Synchrotron (DE)); FERRERA, Giancarlo (University of Milan); FERRERA, Giancarlo (University of Florence); GRAZZINI, Massimiliano (Universitaet Zuerich (CH))



Contribution ID: 16

Type: **not specified**

## **Outcome of 1st session : EW uncertainties**

**Presenter:** PICCININI, Fulvio (Universita e INFN, Pavia (IT))

Contribution ID: 17

Type: **not specified**

## **Outcome of 1st session : Tevatron-LHC combination**

**Presenters:** BOONEKAMP, Maarten (CEA/Saclay); BOONEKAMP, Maarten (CEA/IRFU,Centre d'etude de Saclay Gif-sur-Yvette (FR))

Contribution ID: **18**

Type: **not specified**

## **Weak mixing angle measurement (CMS)**

Contribution ID: **19**

Type: **not specified**

## **LHCb precision EW physics**

Contribution ID: **20**

Type: **not specified**

## Direct measurement of $p_T(W)$

Contribution ID: 21

Type: **not specified**

# PDFs

Contribution ID: 22

Type: **not specified**

## **discussion**

Contribution ID: 23

Type: **not specified**

## Dinner



Contribution ID: 24

Type: **not specified**

## **Global interpretation**

**Presenter:** SCHOTT, Matthias (Johannes-Gutenberg-Universitaet Mainz (DE))

Contribution ID: 25

Type: **not specified**

## Follow up on HF effects on $p_T(Z)$

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

Contribution ID: 26

Type: **not specified**

## **Towards recommendations for $pT(W)$**

Contribution ID: 27

Type: **not specified**

## Closing remarks

Contribution ID: 28

Type: **not specified**

## **Clarifications on ATLAS physics modeling corrections**

*Tuesday 3 October 2017 09:30 (30 minutes)*

**Presenter:** BOONEKAMP, Maarten (CEA/IRFU,Centre d'étude de Saclay Gif-sur-Yvette (FR))

Contribution ID: 29

Type: **not specified**

## Experience with Powheg EW

*Tuesday 3 October 2017 14:15 (25 minutes)*

**Presenter:** KRETZSCHMAR, Jan (University of Liverpool (GB))