

## **Session Program**

**20 June 2018**

### **LHC EW precision sub-group meeting**

***Follow up and progress from April and May workshops on s2w and mW***

CERN, 4/3-006 - TH Conference Room

The meeting will be in the medium-size room next to the Filtration Plant in the morning and in the large theory auditorium in the afternoon (but starting at 15h30 only for the afternoon session).

# Wednesday 20 June

00:00

## Follow up and progress from April and May workshops on s2w and mW: LHC EW precision sub-group meeting

**Session** |

**Location:** CERN, 4/3-006 - TH Conference Room, The meeting will be in the medium-size room next to the Filtration Plant in the morning and in the large theory auditorium in the afternoon (but starting at 15h30 only for the afternoon session)

09:00–09:15 **Introduction**

**Speaker**

Aram Apyan

09:30–09:45

**EW corrections for s2w measurement: update and proposal for LHC combination**

**Speaker**

Daniel Froidevaux

10:00–10:15

**Impact of angular coefficient uncertainties on measurement of  $d\sigma/dp_T dy$  for W to lnu**

**Speaker**

Elisabetta Manca

10:30–10:45

**Validation of Powheg EW: current status and future steps**

**Speakers**

Fulvio Piccinini, Jan Kretschmar

11:00–11:15

**Non-perturbative effects due to intrinsic  $k_T$  and their impact on mW measurement**

**Speaker**

Dr Giuseppe Bozzi

11:30–11:45

**Update on progress with Geneva for pTW to pTZ ratio prediction**

**Speakers**

Frank Tackmann, Frank Tackmann

12:00–12:15

**Combining QED and QCD transverse-momentum resummation for Z boson production at hadron colliders**

**Speaker**

German Sborlini

12:30–12:45

**QCD@QED NNLO corrections to Drell Yan production**

**Speakers**

Daniel De Florian, Daniel Enrique De Florian Sabaris

13:00