

## **Session Program**

**16-20 Jan 2017**



# **1st FCC Physics Workshop**

## ***EW probes***

CERN, 222/R-001

# Tuesday 17 January

09:00

## EW probes: Theoretical progress and framework

**Session** | **Location:** CERN, 222/R-001 | **Conveners:** Andrea Wulzer, Christophe Grojean

09:00–09:15 **Introduction on status of EW precision theory calculations**

**Speaker**

Sven Heinemeyer

09:15–09:35

**2016 progress in two-loop electroweak pseudoobservables and further prospects [S-matrix approach]**

**Speaker**

Janusz Gluza

09:35–09:55

**Recent IR-Improved Results for Precision FCC Physics**

**Speaker**

Bennie Ward

09:55–10:15

**Theory calculations needed to fully exploit the FCC experimental sensitivity**

**Speaker**

Sven Heinemeyer

10:15–10:45

**EFT at FCC**

**Speaker**

Adam Falkowski

10:45–11:15

**Coffee break**

11:15

11:15

## EW probes: Measurements

**Session** | **Location:** CERN, 222/R-001 | **Conveners:** Christophe Grojean, Andrea Wulzer

11:15–11:45 **EW measurements at the WW threshold + Z pole obs& polarization**

**Speaker**

Paolo Azzurri

11:45–12:10

**V pair production and EFT**

**Speaker**

Francesco Riva

12:10–12:35

**Precision EW physics at 100 TeV with DY**

**Speaker**

Joshua Thomas Ruderman

12:35–13:00

**EW measurements at FCC-eh**

**Speaker**

Max Klein

13:00