

**Session Program**

**7-10 Apr 2026**

**Standard Model at the LHC 2026**

***Electroweak physics***

Campus Luigi Einaudi, Torino, Italy, B1  
Lungo Dora Siena 100

## Tuesday 7 April

14:00

### Electroweak physics: Introduction and Electroweak physics

**Session** | **Location:** Campus Luigi Einaudi, Torino, Italy, B1, Lungo Dora Siena 100 | **Conveners:** Menglin Xu, Luca Rottoli, Miha Muskinja, Mario Pelliccioni

14:00–14:20

#### Greetings from the Head of Physics Department and INFN Division

**Speakers**

Marco Maggiora, Paolo Gambino

14:20–14:30

#### Practical information

**Speaker**

Roberto Covarelli

14:30–15:00

#### Charting the polarisation structure of di-boson events at the LHC

**Speaker**

Giovanni Pelliccioli

15:00–15:30

#### EWK precision measurements at ATLAS, CMS, and LHCb

**Speaker**

Eirini Kasimi

15:30–16:00

#### New single boson cross section measurements at ATLAS, CMS and LHCb

**Speaker**

Miguel Ramos Pernas

16:00

# Wednesday 8 April

16:45

## Electroweak physics

**Session** | **Location:** Campus Luigi Einaudi, Torino, Italy, B1, Lungo Dora Siena 100 | **Conveners:** Mario Pelliccioni, Menglin Xu, Miha Muskinja, Luca Rottoli

16:45-17:15

### Multiboson measurements (including VBS) at ATLAS and CMS

**Speaker**

Trisha Debnath

17:15-17:45

### Mixed EWK-QCD corrections

**Speakers**

Federico Buccioni, Federico Buccioni

17:45-18:15

### Precise predictions for multiboson processes

**Speakers**

Stefan Kallweit, Stefan Kallweit

18:15-18:30

### Measurement of ZZ $\gamma$ production with the ATLAS detector

**Speaker**

Anke Ackermann

18:30

# Friday 10 April

11:15

## Electroweak physics

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11:15-11:45

### Impact of theory uncertainties in the extraction of precise EW measurements at the LHC

**Speaker**

Giulia Marinelli

11:45-12:00

### Improved extraction of the weak mixing angle from recent CMS forward-backward asymmetry measurements at 13 TeV with additional PDF constraints from W and Z measurements

**Speakers**

Hyon San Seo, Hyon-San Seo

12:00-12:15

### NNLO QCD Predictions for $W\gamma\gamma$ Production at the LHC

**Speaker**

Paolo Garbarino

12:15-12:30

### Towards two-loop EW corrections in OpenLoops

**Speaker**

Lorenzo Mai

12:30-12:45

### Towards two-loop EW corrections to the Drell-Yan process

**Speaker**

Tommaso Armadillo

12:45