

Session Program

November 25, 2019 to December 6, 2019

Ultimate Precision at Hadron Colliders
Measurements of EW precision observables

Wed, November 27

9:00 AM

Measurements of EW precision observables

Session | Conveners: Ulla Blumenschein, Mika Anton Vesterinen, Alessandro Vicini

10:00 - 11:00 AM

Measurement of m_W : experimental and theoretical requirements

Speaker

Stefano Camarda

11:00 AM

11:30 AM

Measurements of EW precision observables

Session | Conveners: Alessandro Vicini, Mika Anton Vesterinen, Ulla Blumenschein

11:30 AM - 12:30 PM

Measurement of $\sin^2\theta$: experimental and theoretical requirements

Speaker

Arie Bodek

12:30 PM

Thu, November 28

9:00 AM

Measurements of EW precision observables: QCD issues in the high-precision determination of EW parameters

Session | **Conveners:** Mika Anton Vesterinen, Ulla Blumenschein, Alessandro Vicini

9:15 – 9:50 AM **Experimental challenges: high- vs low-pileup measurements**

Speaker

Josh Bendavid

9:50 – 10:25 AM **Revisiting the estimate of PDF uncertainties**

Speaker

Emanuele Angelo Bagnaschi

10:25 – 11:05 AM **Coffee Break**

11:05 – 11:40 AM **Ultimate QCD tools**

Speaker

Thomas Gehrmann

11:40 AM – 12:00 PM **Discussion**

12:30 PM

2:00 PM

Measurements of EW precision observables: Towards a global EW fit

Session | **Conveners:** Mika Anton Vesterinen, Alessandro Vicini, Ulla Blumenschein

2:00 – 2:35 PM

Combination of MW / sin²theta final values obtained at different colliders/ experiments

Speaker

Nansi Andari

2:35 – 3:10 PM **Global EW fits: experimental and theoretical issues**

Speaker

Matthias Schott

3:10 – 3:30 PM **Discussion**

3:30 – 4:00 PM **Coffee break**

4:00 – 4:35 PM **O(α^2) initial state QED corrections in e+e- -> f fbar**

Speaker

Kay Schönwald

4:35 – 5:10 PM **Towards fully NLO-EW analyses**

Speaker

Mauro Chiesa

5:10 – 5:30 PM **Discussion**

5:30 PM