



# Ultimate Precision at Hadron Colliders

## Wednesday, 27 November 2019

### Measurements of EW precision observables (09:00 - 11:00)

-Conveners: Ulla Blumenschein; Mika Anton Vesterinen; Alessandro Vicini

time	[id] title	presenter
10:00	[37] Measurement of $m_W$ : experimental and theoretical requirements	CAMARDA, Stefano

### Measurements of EW precision observables (11:30 - 12:30)

-Conveners: Ulla Blumenschein; Alessandro Vicini; Mika Anton Vesterinen

time	[id] title	presenter
11:30	[38] Measurement of $\sin^2\theta$ : experimental and theoretical requirements	BODEK, Arie

# Thursday, 28 November 2019

## Measurements of EW precision observables: QCD issues in the high-precision determination of EW parameters (09:00 - 12:30)

-Conveners: Ulla Blumenschein; Alessandro Vicini; Mika Anton Vesterinen

time	[id] title	presenter
09:15	[91] Experimental challenges: high- vs low-pileup measurements	BENDAVID, Josh
09:50	[93] Revisiting the estimate of PDF uncertainties	BAGNASCHI, Emanuele Angelo
10:25	Coffee Break	
11:05	[94] Ultimate QCD tools	GEHRMANN, Thomas
11:40	[95] Discussion	

## Measurements of EW precision observables: Towards a global EW fit (14:00 - 17:30)

-Conveners: Ulla Blumenschein; Alessandro Vicini; Mika Anton Vesterinen

time	[id] title	presenter
14:00	[96] Combination of MW / $\sin^2\theta$ final values obtained at different colliders/experiments	ANDARI, Nansi
14:35	[97] Global EW fits: experimental and theoretical issues	SCHOTT, Matthias
15:10	[117] Discussion	
15:30	Coffee break	
16:00	[115] $O(\alpha^2)$ initial state QED corrections in $e^+e^- \rightarrow f\bar{f}$	SCHÖNWALD, Kay
16:35	[98] Towards fully NLO-EW analyses	CHIESA, Mauro
17:10	[118] Discussion	