

**Workshop: ‘1st COFI
Workshop on Precision
Electroweak’**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Registration and Breakfast

Tuesday, 16 July 2019 09:00 (30 minutes)

Contribution ID: 2

Type: **not specified**

Precision electroweak calculations in the Standard Model

Tuesday, 16 July 2019 09:30 (1 hour)

Presenter: FREITAS, Ayres (University of Pittsburgh)

Contribution ID: 3

Type: **not specified**

Coffee Break

Contribution ID: 4

Type: **not specified**

Precision electroweak physics with low energy measurements

Tuesday, 16 July 2019 10:50 (1 hour)

Presenter: ERLER, Jens (IF-UNAM)

Contribution ID: 5

Type: **not specified**

Latest on developments on electroweak fitting programs

Tuesday, 16 July 2019 14:00 (1 hour)

Presenter: YOU, Tevong (University of Cambridge)

Contribution ID: 6

Type: **not specified**

Connecting low and high energies with EFTs

Tuesday, 16 July 2019 11:50 (1 hour)

Presenter: PAZ, Gil (Wayne State University)

Contribution ID: 7

Type: **not specified**

Probing the SMEFT with diboson processes

Tuesday, 16 July 2019 15:00 (1 hour)

Presenter: CAVALIERE, Viviana (Brookhaven National Lab)

Contribution ID: 8

Type: **not specified**

The precision Higgs frontier

Wednesday, 17 July 2019 11:50 (1h 10m)

Presenters: DE FLORIAN, Daniel; DE FLORIAN, Daniel (Universidad de Buenos Aires)

Contribution ID: 9

Type: **not specified**

Experimental status and challenges on the combination of the Higgs boson data

Wednesday, 17 July 2019 10:15 (1h 15m)

Presenter: GILBERT, Andrew (CERN)

Contribution ID: **10**

Type: **not specified**

Jet substructure tools

Wednesday, 17 July 2019 14:00 (1 hour)

Presenter: LEE , Kyle (Stonybrook)

Contribution ID: 11

Type: **not specified**

New Physics in Drell-Yan at the Z-pole and in High-Mass Tails: Inherent Uncertainties in the SMEFT

Wednesday, 17 July 2019 09:00 (1h 15m)

Presenter: SHEPHERD, William (Sam Houston State University)

Contribution ID: 12

Type: **not specified**

Experimental status and challenges in measurements of α_s and m_{top}

Contribution ID: 13

Type: **not specified**

CTEQ PDF's for the LHC: past, present and future

Contribution ID: 14

Type: **not specified**

Parton distributions: the art of solving ill-posed problems

Wednesday, 17 July 2019 15:00 (1 hour)

Presenter: Prof. FORTE, Stefano (Università degli Studi e INFN Milano (IT))

Contribution ID: 15

Type: **not specified**

Precision measurements of the W branching ratios at the LHC

Presenter: ODELL, Nathaniel (Northwestern University (US))

Contribution ID: 16

Type: **not specified**

Measurement of $\sin^2\theta_W$ at the LHC

Thursday, 18 July 2019 10:00 (1 hour)

Presenter: BODEK, Arie (University of Rochester (US))

Contribution ID: 17

Type: **not specified**

W-Drell Yan measurements relevant for PDF constraints and phenomenology of W helicity

Friday, 19 July 2019 11:20 (1 hour)

Presenter: BENDAVID, Josh (CERN)

Contribution ID: **18**

Type: **not specified**

Measurements of the W and Z pT spectra as needed for W mass measurements

Friday, 19 July 2019 10:20 (1 hour)

Presenter: APYAN, Aram (Fermi National Accelerator Lab. (US))

Contribution ID: **19**

Type: **not specified**

QCD and QED NNLO corrections to Drell Yan production

Thursday, 18 July 2019 11:20 (1 hour)

Presenter: DE FLORIAN, Daniel (Laboratorio de Fisica Teorica Departamento de Fisica)

Contribution ID: 20

Type: **not specified**

Non-perturbative uncertainties on the transverse momentum distribution of electroweak bosons and on the determination of the W boson mass at the LHC

Thursday, 18 July 2019 09:00 (1 hour)

Presenter: SIGNORI, Andrea (Argonne National Laboratory)

Contribution ID: 21

Type: **not specified**

Experimental status of W-mass at the LHC: What is needed and on how to combine the data?

Friday, 19 July 2019 08:00 (1 hour)

Presenter: CAMARDA, Stefano (CERN)

Contribution ID: 22

Type: **not specified**

Electroweak and QCD effects in the W-boson mass determination

Friday, 19 July 2019 09:00 (1 hour)

Presenter: PICCININI, Fulvio (Universita and INFN (IT))

Contribution ID: 23

Type: **not specified**

Overview of the future of collider physics at the LHC

Wednesday, 17 July 2019 16:20 (1 hour)

Presenter: ELLIS, Jonathan R. (University of London (GB))