

**25th Mini-workshop on the
frontier of LHC——W 质量研
讨会：Uncertainties and
Opportunities**

Report of Contributions

Contribution ID: 2

Type: **not specified**

Neutrino_Lepton_Collider

Contribution ID: 3

Type: **not specified**

ResBos2 and the CDF W Mass measurement

Presenter: Prof. YUAN, C.-P. (Michigan State University)

Contribution ID: 4

Type: **not specified**

W mass and experimental opportunities

Saturday, 7 May 2022 08:30 (45 minutes)

Presenter: Prof. 易, 凯 (南京师范大学)

Session Classification: Uncertainties

Contribution ID: 5

Type: **not specified**

ResBos2 and the CDF W Mass measurement

Saturday, 7 May 2022 09:15 (45 minutes)

Presenter: Prof. YUAN, C.-P. (MSU)

Session Classification: Uncertainties

Contribution ID: 6

Type: **not specified**

N³LO CORRECTIONS TO NEUTRAL AND CHARGED CURRENT AT THE LHC

Saturday, 7 May 2022 10:10 (30 minutes)

Presenter: Dr CHEN, Xuan (KIT)

Session Classification: Uncertainties

Contribution ID: 7

Type: **not specified**

Status of Resummation and Electroweak Corrections to Drell-Yan Production

Saturday, 7 May 2022 10:40 (30 minutes)

Presenter: Dr ZHU, HuaXing (Zhejiang University)

Session Classification: Uncertainties

Contribution ID: 8

Type: **not specified**

PDFs related for W boson mass measurement

Saturday, 7 May 2022 11:10 (30 minutes)

Presenter: GAO, Jun (Shanghai Jiao Tong University)

Session Classification: Uncertainties

Contribution ID: 9

Type: **not specified**

Low energy SUSY confronted with W-mass and muon $g-2$

Saturday, 7 May 2022 13:40 (20 minutes)

Presenter: Prof. YANG, Jin Min (ITP, Beijing)

Session Classification: Opportunities

Contribution ID: **10**

Type: **not specified**

Speculations on the W-Mass Measurement at CDF

Saturday, 7 May 2022 14:00 (20 minutes)

Presenter: Prof. SHU, Jing (ITP)

Session Classification: Opportunities

Contribution ID: 11

Type: **not specified**

W boson mass: electroweak fits and new physics

Saturday, 7 May 2022 14:20 (20 minutes)

Presenter: Dr WU, Lei (Nanjing Normal University)

Session Classification: Opportunities

Contribution ID: 12

Type: **not specified**

Unifying Gravitational Waves with W Boson, FIMP Dark Matter, and Majorana Seesaw Mechanism

Saturday, 7 May 2022 14:40 (20 minutes)

Presenter: Prof. 祝, 斌

Session Classification: Opportunities

Contribution ID: 13

Type: **not specified**

W mass @ CEPC

Saturday, 7 May 2022 15:10 (20 minutes)

Presenter: Mr RUAN, Manqi (IHEP)

Session Classification: Opportunities

Contribution ID: 14

Type: **not specified**

The Physics case for a neutrino lepton collider in light of the CDF W mass measurement

Saturday, 7 May 2022 15:30 (20 minutes)

Presenter: Prof. LI, Qiang (School of physics, Peking University)

Session Classification: Opportunities