

The 4th CEPC Physics and Software Workshop

Wednesday, 27 June 2018

CEPC physics: Higgs physics - B326 (14:00 - 15:30)

-Conveners: Gang LI

time	[id]	title	presenter
14:00	[6]	Higgs \rightarrow di-photon	Ms GUO, Fangyi
14:30	[7]	Higgs \rightarrow di-muon	ZHANG ZHAORU
15:00	[8]	Higgs \rightarrow tau+tau-	Mrs YU, Dan

CEPC physics: Higgs analysis - B326 (16:00 - 18:00)

-Conveners: Manqi Ruan

time	[id]	title	presenter
16:00	[9]	Higgs \rightarrow invisible	荆, 茂强
16:30	[20]	W mass — threshold scan,	SHEN, Peixun

Thursday, 28 June 2018

CEPC physics: Higgs analysis - B326 (08:30 - 10:00)

-Conveners: Yaquan FANG Yaquan

time	[id]	title	presenter
08:30	[13]	Higgs→ ZZ*--- semi-leptonic final states	RYUTA KIUCHI
09:00	[14]	Higgs→ WW*/ZZ--- pure-leptonic final states	何, 显科
09:30	[15]	Higgs→ di-jet (cancel)	BAI, Yu

CEPC physics: Higgs analysis - B326 (10:20 - 12:00)

-Conveners: Gang LI

time	[id]	title	presenter
10:20	[30]	Constrain new physics via HZZ couplings in Higgs production	Mr SHANLY@IHEP.AC.CN, Lianyou
10:45	[17]	CEPC fast simulation and general analysis framework	Dr LI, Gang
11:25	[2]	Plan and validation of 240 GeV samples	Dr LI, Gang Mr ZHAO, Xianghu

CEPC physics: EW physics - B326 (14:00 - 15:40)

-Conveners: Manqi Ruan

time	[id]	title	presenter
14:00	[21]	W mass — direct reconstruction	Mr LAI, Peizhu
14:25	[19]	Higgs→ WW* --- semi-leptonic final states	Mr LI, Tong
14:50	[29]	Higgs→ WW*/ZZ* ---hadronic final states	PANDUROVIC, Mila
15:15	[10]	Fusion cross section and Higgs Width	LIANG, Hao

CEPC physics: EW physics - B326 (16:00 - 18:00)

-Conveners: Jianming Qian

time	[id]	title	presenter
16:00	[22]	Rb measurement	Dr LI, BO
16:30	[23]	Afb at z pole	Mr LI, Mengran
17:00	[26]	Statistics issues in Higgs measurement	Prof. FANG, Yaquan