



# IAS Program on High Energy Physics (HEP 2024)

## Wednesday 17 January 2024

### Mini-workshop: Experiment/Detector: Registration (08:30 - 08:50)

### Mini-workshop: Experiment/Detector: Welcome Remarks (08:55 - 09:00)

### Mini-workshop: Experiment/Detector: MW-W-ED01 (09:00 - 10:30)

-Conveners: Zhijun Liang

time	[id] title	presenter
09:00	[579] Drift Chamber for CEPC	DONG, Mingyi
09:30	[580] The IDEA Preshower and Muon Detection System	CHIAPPONI, Francesco
10:00	[581] LGAD Based 4D Outer Tracker Development for CEPC	LI, Mengzhao

### Mini-workshop: Experiment/Detector: MW-W-ED02 (11:00 - 12:30)

-Conveners: Liang Li

time	[id] title	presenter
11:00	[582] PFA Reconstruction for the Crystal Bar ECAL for CEPC	SUN, ShengSen
11:30	[583] Reconstruction for Stereo Crystal ECAL	ZHANG, Huaqiao
12:00	[602] R&D of Dark SHINE ECAL	ZHAO, Zhiyu

### Mini-workshop: Experiment/Detector: MW-W-ED03 (14:00 - 15:30)

-Conveners: Yong Liu

time	[id] title	presenter
14:00	[584] Cluster Timing Measurements	CHE, Yuzhi
14:30	[586] Recent Progress on Arbor PFA	WANG, Yuxin
15:00	[603] Radiation Hard SiPM Development for CEPC	ZHANG, Tianyuan

### Mini-workshop: Experiment/Detector: MW-W-ED04 (16:00 - 17:30)

-Conveners: Haoyu Shi

time	[id] title	presenter
16:00	[587] CEPC Overall Detector Design	JI, Quan
16:45	[588] CEPC Fast Luminosity Measurement with LGAD	FAN, Yunyun

# Thursday 18 January 2024

## Mini-workshop: Experiment/Detector: MW-Th-ED01 (09:00 - 10:30)

-Conveners: Mingyi Dong

time	[id] title	presenter
09:00	[589] CEPC Vertex R&D	LIANG, Zhijun
09:30	[590] Development of HVCMOS in 55 nm Process for Tracing [Zoom]	LI, Yiming
10:00	[591] CEPC Silicon Strip Outer Tracker	SHI, Xin

## Mini-workshop: Experiment/Detector: MW-Th-ED02 (11:00 - 12:30)

-Conveners: Xin Shi

time	[id] title	presenter
11:00	[592] LLP search with Deep learning at Lepton Collider	LI, Liang
11:30	[593] DC for Cluster Counting for the CEPC 4th Concept	ZHAO, Guang
12:00	[606] High Granularity Readout TPC Technology for CEPC [Zoom]	QI, Huirong

## Mini-workshop: Experiment/Detector: MW-Th-ED03 (14:00 - 15:30)

-Conveners: ShengSen Sun

time	[id] title	presenter
14:00	[594] The IDEA Dual Readout Calorimeter	VIVARELLI, Iacopo
14:30	[596] GNN Tracking	HSU, Shih-Chieh
15:00	[595] Progress on Jet Origin ID [Zoom]	ZHU, Yongfeng