

## Session Program

8-26 Jan 2024



## IAS Program on High Energy Physics (HEP 2024)

***Mini-workshop: Experiment/Detector***

## Wednesday 17 January

08:30

08:50

08:55

09:00

09:00

### Mini-workshop: Experiment/Detector: Registration

Session

### Mini-workshop: Experiment/Detector: Welcome Remarks

Session

### Mini-workshop: Experiment/Detector: MW-W-ED01

Session | Location: IAS1038, 1/F | Convener: Zhijun Liang

09:00–09:30

#### Drift Chamber for CEPC

**Speaker**

Mingyi Dong

09:30–10:00

#### The IDEA Preshower and Muon Detection System

**Speaker**

Francesco Chiapponi

10:00–10:30

#### LGAD Based 4D Outer Tracker Development for CEPC

**Speaker**

Mengzhao Li

10:30

11:00

### Mini-workshop: Experiment/Detector: MW-W-ED02

Session | Location: 1038, 1/F | Convener: Liang Li

11:00–11:30

#### PFA Reconstruction for the Crystal Bar ECAL for CEPC

**Speaker**

ShengSen Sun

11:30–12:00

#### Reconstruction for Stereo Crystal ECAL

**Speaker**

Huaqiao Zhang

12:00–12:30

#### R&D of Dark SHINE ECAL

**Speaker**

Zhiyu Zhao

12:30

14:00

### Mini-workshop: Experiment/Detector: MW-W-ED03

Session | Location: IAS1038, 1/F | Convener: Yong Liu

14:00–14:30

#### Cluster Timing Measurements

**Speaker**

Yuzhi Che

14:30–15:00

#### Recent Progress on Arbor PFA

15:30	<p><b>Speaker</b> Yuxin Wang</p>
	<p>15:00–15:30   <b>Radiation Hard SiPM Development for CEPC</b></p> <p><b>Speaker</b> Tianyuan Zhang</p>
16:00	<p><b>Mini-workshop: Experiment/Detector: MW-W-ED04</b>  <b>Session</b>   <b>Location:</b> IAS1038, 1/F   <b>Convener:</b> Haoyu Shi</p>
17:30	<p>16:00–16:45   <b>CEPC Overall Detector Design</b></p> <p><b>Speaker</b> Quan Ji</p>
	<p>16:45–17:30   <b>CEPC Fast Luminosity Measurement with LGAD</b></p> <p><b>Speaker</b> Yunyun Fan</p>

# Thursday 18 January

09:00

## Mini-workshop: Experiment/Detector: MW-Th-ED01

**Session** | **Location:** IAS1038, 1/F | **Convener:** Mingyi Dong

09:00–09:30 **CEPC Vertex R&D**

**Speaker**  
Zhijun Liang

09:30–10:00 **Development of HVCMOS in 55 nm Process for Tracing [Zoom]**

**Speaker**  
Yiming Li

10:00–10:30 **CEPC Silicon Strip Outer Tracker**

**Speaker**  
Xin Shi

10:30

11:00

## Mini-workshop: Experiment/Detector: MW-Th-ED02

**Session** | **Location:** IAS1038, 1/F | **Convener:** Xin Shi

11:00–11:30 **LLP search with Deep learning at Lepton Collider**

**Speaker**  
Liang Li

11:30–12:00 **DC for Cluster Counting for the CEPC 4th Concept**

**Speaker**  
Guang Zhao

12:00–12:30 **High Granularity Readout TPC Technology for CEPC [Zoom]**

**Speaker**  
Huirong Qi

12:30

14:00

## Mini-workshop: Experiment/Detector: MW-Th-ED03

**Session** | **Location:** IAS1038, 1/F | **Convener:** ShengSen Sun

14:00–14:30 **The IDEA Dual Readout Calorimeter**

**Speaker**  
Iacopo Vivarelli

14:30–15:00 **GNN Tracking**

**Speaker**  
Shih-Chieh Hsu

15:00–15:30 **Progress on Jet Origin ID [Zoom]**

**Speaker**  
Yongfeng Zhu

15:30