

Session Program

Feb 12 - 16, 2023



IAS Program on High Energy Physics (HEP 2023)

Mini-workshop: Experiment/Detector

Sun, February 12

8:55 AM

Mini-workshop: Experiment/Detector: Day 1 - Session S: (ED1)

Session |

Location: Lo Ka Chung Building, Lee Shau Kee Campus, The Hong Kong University of Science and Technology, Hong Kong |

Convener: Zhijun LIANG

09:00 - 09:20 **VTX Detector Prototype and Progress**

Speaker

Tianya WU

09:20 - 09:40 **Progress of Silicon Tracker for the CEPC**

Speaker

Yiming LI

09:40 - 10:00 **Jadepix 3 Telescope Activities**

Speaker

Sheng DONG

10:00 - 10:20 **CEPC ToF Detector R&D Using LGAD**

Speaker

Yunyun FAN

10:20 - 10:40 **Pixel Detector R&D for EICC [Zoom]**

Speaker

Chengxin ZHAO

10:40 AM

11:00 AM

Mini-workshop: Experiment/Detector: Day 1 - Session S: (ED2)

Session |

Location: Lo Ka Chung Building, Lee Shau Kee Campus, The Hong Kong University of Science and Technology, Hong Kong |

Convener: Lorenzo CALIBBI

11:00 - 11:25 **New Results on Lepton Flavour Universality Tests [Zoom]**

Speaker

Shanzhen CHEN

11:25 - 11:50 **Observation of New Structures in the $J/\psi/\psi$ Mass Spectrum at CMS**

Speaker

Zhen HU

11:50 - 12:15 **$J/\psi/\psi$ Mass Spectrum at LHC & CEPC**

Speaker

Kai YI

12:15 - 12:40 **Highlights from LHCb Experiment?**

Speaker

Liming ZHANG

12:40 PM

2:00 PM

Mini-workshop: Experiment/Detector: Day 1 - Session S (ED3)

Session |

Location: Lo Ka Chung Building, Lee Shau Kee Campus, The Hong Kong University of Science and Technology, Hong Kong |

Convener: Huaqiao ZHANG

14:00 - 14:25 **Calorimeter: Prototype Test Beam Results**

Speaker

Yong LIU

14:25 - 14:50 **High Density Glass and Its Application at Future Collider**

Speaker

Sen QIAN

14:50 - 15:15 **Status of Dual Readout Calorimeter**

Speaker

Roberto FERRARI

15:15 - 15:40 **Graph Neural Networks for Particle Physics**

Speaker

Huilin QU

3:40 PM

Mon, February 13

11:00 AM

Mini-workshop: Experiment/Detector: Day 2 - Session M (ED2)
Session |
Location: Lo Ka Chung Building, Lee Shau Kee Campus, The Hong Kong University of Science and Technology, Hong Kong |
Convener: Gang LI

11:00 - 11:25 **Status of CEPC Offline Software and Computing**
Speaker
 Xingtao HUANG

11:25 - 11:50 **Development of CEPC Drift Chamber Software**
Speaker
 Weidong LI

11:50 - 12:15 **Reconstruction of Crystal Bar ECAL**
Speaker
 Sheng-Sen SUN

12:15 - 12:40 **CEPC Computing**
Speaker
 Xiaomei ZHANG

12:40 PM

2:00 PM

Mini-workshop: Experiment/Detector: Day 2 - Session M (ED3)
Session |
Location: Lo Ka Chung Building, Lee Shau Kee Campus, The Hong Kong University of Science and Technology, Hong Kong |
Convener: Mingyi DONG

14:00 - 14:25 **Pixelated and Pad Readout TPC Technology R&D for the Future e+e- Collider**
Speaker
 Huirong QI

14:25 - 14:50 **Drift Chamber for the CEPC Detector**
Speaker
 Mingyi DONG

14:50 - 15:15 **Pixelated Time Projection Chamber Tracker Detector Technology [Zoom]**
Speaker
 Peter KLUIT

15:15 - 15:40 **IDEA Drift Chamber [Zoom]**
Speaker
 Brunella Brunella D'ANZI

3:40 PM

4:00 PM

Mini-workshop: Experiment/Detector: Day 2 - Session M (ED4)

Session |

Location: Lo Ka Chung Building, Lee Shau Kee Campus, The Hong Kong University of Science and Technology, Hong Kong |

Convener: Mingshui CHEN

16:00 - 16:25 **Status & Progress of the IDEA Detector Concept**

Speaker

Roberto FERRARI

16:25 - 16:50 **EEC at High Energy Frontier**

Speaker

Huaxing ZHU

16:50 - 17:15 **High Precision Calculation Towards Future ee Factory? [Zoom]**

Speaker

Zhao LI

17:15 - 17:40 **Measurements of the Partons Inside the Proton [Zoom]**

Speaker

Siqi YANG

5:40 PM