

Session Program

12-16 Feb 2023



IAS Program on High Energy Physics (HEP 2023)

Mini-workshop: Experiment/Detector

Sunday 12 February

08:55

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

11:00

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

14:00

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

15:40

Monday 13 February

11:00

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

14:00

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

15:40

16:00

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

17:40