

## **Session Program**

**12-16 Feb 2023**



**IAS Program on High Energy Physics (HEP 2023)**  
***Conference: Parallel Sessions (Accelerator)***

# Tuesday 14 February

14:00

## Conference: Parallel Sessions (Accelerator): Day 1 - Session 1: (Tu3-AP01)

Session |

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

Convener: Maria BIAGINI [Zoom]

14:00-14:20 **Super KEK B Status [Zoom]**

**Speaker**

Makoto TOBIYAMA

14:20-14:40 **CEPC Collider Lattice Design**

**Speaker**

Yiwei WANG

14:40-15:00 **CEPC Booster and Damping Ring**

**Speaker**

Dou WANG

15:00-15:20 **CEPC Linac Injector Design Status [Zoom]**

**Speaker**

Cai MENG

15:20-15:40 **CEPC MDI Issues in Accelerator**

**Speaker**

Sha BAI

15:40

16:00

## Conference: Parallel Sessions (Accelerator): Day 1 - Session 2: (Tu3-AP02)

Session |

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

Convener: Jie GAO

16:00-16:20 **Electron Positron Collider Power Consumptions [Zoom]**

**Speaker**

Frank ZIMMERMANN

16:20-16:40 **Vacuum System Development in HEPS**

**Speaker**

Yongsheng MA

16:40-17:00 **Magnets Development in HEPS**

**Speaker**

Wen KANG

17:00-17:20 **HEPS Power Source Development**

**Speaker**

Bin CHEN

17:20-17:40

**HEPS Injection/Extraction Hardware Development**

**Speaker**

Jinhui CHEN

17:40-18:00

**HEPS Injector Linac Developments**

**Speaker**

Jingru ZHANG

18:00

## Wednesday 15 February

14:00

### Conference: Parallel Sessions (Accelerator): Day 2 - Session 1: (W3-AP01)

Session |

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

Convener: Yuhui LI

14:00-14:20

#### Superconducting Technology for Accelerators Frontier > – High-Field Magnet, SRF, and Cryogenics/Cryogen [Zoom]

Speaker

Akira YAMAMOTO

14:20-14:40

#### CEPC SRF System and Cavities Studies

Speaker

Jiyuan ZHAI

14:40-15:00

#### Klystrons and RF Power Sources

Speaker

Zusheng ZHOU

15:00-15:20

#### SC Quadrupoles Design and R&D Status for CEPC [Zoom]

Speaker

Yingshun ZHU

15:20-15:40

#### SppC High Field Magnets R&D and International Collaboration

Speaker

Qingjin XU

15:40

16:00

### Conference: Parallel Sessions (Accelerator): Day 2 - Session 2: (W3-AP02)

Session |

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

Convener: Angeles FAUS-GOLFE [Zoom]

16:00-16:20

#### Future e+e-Higgs Factories [Zoom]

Speaker

Angeles FAUS-GOLFE

16:20-16:40

#### Beam-beam Study Status

Speaker

Yuan ZHANG

16:40-17:00

#### CEPC Collective Instability Study Status

Speaker

Na WANG

17:00-17:20

#### CEPC Polarization Study Status [Zoom]

**Speaker**  
Zhe DUAN

17:20-17:40 **CEPC Plasma Injector Study Status and Test Facility Plan**

**Speaker**  
Dazhang LI

17:40