

## Session Program

12-16 Jan 2026



## IAS Program on Fundamental Physics (FP 2026)

***Conference: Parallel Sessions (Accelerator Physics)***

# Monday 12 January

14:00

## Conference: Parallel Sessions (Accelerator Physics): M-AP01: Accelerator Physics I

**Session** | **Location:** IAS Lecture Theater (LT) | **Convener:** Angeles FAUS-GOLFE

14:00–14:20 **CEPC Accelerator EDR**

**Speaker**

Jie GAO

14:20–14:40 **Super KEK B Operation Status**

**Speaker**

Makoto TOBIYAMA

14:40–15:00 **CEPC Lattice with Energy Switch, Ground Motion...**

**Speaker**

Yiwei WANG

15:00–15:20 **CEPC Booster, Damping Ring and Timing**

**Speaker**

Dou WANG

15:20–15:40 **[Online via Zoom] CEPC MDI**

**Speaker**

Sha BAI

15:40

## Tuesday 13 January

14:00

### Conference: Parallel Sessions (Accelerator Physics): Tu-AP01: Accelerator Physics II

Session | Location: IAS Lecture Theater (LT) | Convener: Jie GAO

14:00–14:20 **On Perspective of SC Cavitys on High Q and High G.**

**Speaker**  
Akira MIYAZAKI

14:20–14:40 **CEPC SRF Progress**

**Speaker**  
Jiyuan ZHAI

14:40–15:00 **CEPC Magnets Line, Booster Magnets, etc**

**Speaker**  
Zhihui MU

15:00–15:20 **CEPC Vacuum NEG Coating Line**

**Speaker**  
Yongsheng MA

15:20–15:40 **Klystrons Development**

**Speaker**  
Zusheng ZHOU

15:40

16:10

### Conference: Parallel Sessions (Accelerator Physics): Tu3-AP02: Accelerator Physics III

Session | Location: IAS Lecture Theater (LT) | Convener: Wei LU

16:10–16:30 **Accelerator design choices for LEP3**

**Speaker**  
Michael KORATZINOS

16:30–16:50 **[Online via Zoom] CEPC SC Quadrupole magnet**

**Speaker**  
Yingshun ZHU

16:50–17:10 **[Online via Zoom] Polarization progress**

**Speaker**  
Zhe DUAN

17:10–17:30 **CEPC polarized electron source**

**Speaker**  
Xiaoping LI

17:30–17:50 **Super KEK B beam-beam studies**

17:50

**Speaker**  
Chuntao LIN

## Thursday 15 January

14:00

### Conference: Parallel Sessions (Accelerator Physics): Th-AP01: Accelerator Physics IV

**Session** | **Location:** IAS Lecture Theater (LT) | **Convener:** Maria Enrica BIAGINI

14:00–14:20 **Monochromatization studies for FCC-ee GHC optics**

**Speaker**

Angeles FAUS-GOLFE

14:20–14:40 **CEPC linac and C3 technology development**

**Speaker**

Jingru ZHANG

14:40–15:00 **[Online via Zoom] CEPC Mechanics and mockups**

**Speaker**

Haijing WANG

15:00–15:20 **[Online via Zoom] CEPC alignment and installation**

**Speaker**

Xiaolong WANG

15:20–15:40 **On Electron-cloud effects and possible mitigations strategies**

**Speaker**

Tatiana PIELONI

15:40

16:10

### Conference: Parallel Sessions (Accelerator Physics): Th-AP02: Accelerator Physics V

**Session** | **Location:** IAS Lecture Theater (LT) | **Convener:** Frank ZIMMERMANN

16:10–16:30 **BEPCII U commissioning and HEPS operation**

**Speaker**

Daheng JI

16:30–16:50 **Plasma test facility at IHEP**

**Speaker**

Dazhang LI

16:50–17:10 **[Online via Zoom] Plasma accelerator towards TeV horizon**

**Speaker**

Wei LU

17:10–17:30 **High field magnets progress**

**Speaker**

Qingjin XU

17:50