

Session Program

8-26 Jan 2024



IAS Program on High Energy Physics (HEP 2024)
Conference: Parallel Sessions (Accelerator)

Monday 22 January

14:00

Conference: Parallel Sessions (Accelerator): CF-M3-AP01

Session | **Location:** IAS Lecture Theater (LT) | **Convener:** Maxim Titov

14:00–14:20 Highlights of Accelerator Mini Workshop

Speaker

Yuhui Li

14:20–14:40 PERLE Status at IJCLab

Speaker

Walid Kaabi

14:40–15:00 CEPC EDR Goal, Scope and Plan

Speaker

Jie Gao

15:00–15:20 From CEPC Lattice Design to Hardware Requirements in EDR

Speaker

Yiwei Wang

15:20–15:40 CEPC Lattice Studies with Various Machine Errors in EDR

Speaker

Bin Wang

15:40

16:00

Conference: Parallel Sessions (Accelerator): CF-M3-AP02

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

16:00–16:20 Mechanical Model of the MDI [Zoom]

Speaker

Francesco Franesini

16:20–16:40 CEPC MDI Key Issue Studies in EDR

Speaker

Sha Bai

16:40–17:00 CEPC Booster and Damping Ring Development in EDR

Speaker

Dou Wang

17:00–17:20 CEPC SRF Development in EDR

Speaker

Jiyuan Zhai

17:20–17:40 CEPC Cryogenic System Design in EDR

Speaker

Rui Ge

17:40

Tuesday 23 January

14:00

Conference: Parallel Sessions (Accelerator): CF-Tu3-AP01

Session | **Location:** IAS Lecture Theater (LT) | **Convener:** Angeles Faus-Golfe

14:00–14:20 **SC Final Focus Quadrupole Magnets**

Speaker

Michael Koratzinos

14:20–14:40 **CEPC Collider Magnet Development in EDR**

Speaker

Mei Yang

14:40–15:00 **CEPC RF Power Source and Distribution System Development in EDR**

Speaker

Zusheng Zhou

15:00–15:20 **CEPC Advanced Instrumentation Study in EDR**

Speaker

Yanfeng Sui

15:20–15:40 **CEPC Large Scale and Precision Control System Study in EDR**

Speaker

Dapeng Jin

15:40

Wednesday 24 January

14:00

Conference: Parallel Sessions (Accelerator): CF-W3-AP01

Session | **Location:** IAS Lecture Theater (LT) | **Convener:** Yuhui Li

14:00–14:20 **Beam Transport Line and Beam Injection Systems of Super KEK B**

Speaker

Takashi Mori

14:20–14:40 **CEPC Linac Injector Development in EDR**

Speaker

Jingru Zhang

14:40–15:00 **Beam Driven Plasma Accelerator Development in China**

Speaker

Dazhang Li

15:00–15:20 **CEPC Machine Protection and Collimation Studies in EDR [Zoom]**

Speaker

Yuting Wang

15:20–15:40

CEPC Large Scale Measurement, Precision Alignment and Efficient Installation Studies in EDR

Speaker

Xiaolong Wang

15:40

16:00

Conference: Parallel Sessions (Accelerator): CF-W3-AP02

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

16:00–16:20 **Monochromatisation Scheme Study Status for FCCee**

Speaker

Angeles Faus-Golfe

16:20–16:40 **SppC Lattice Design and Compatibility Study with CEPC**

Speaker

Haocheng Xu

16:40–17:00

Progress of the High Field Magnet R&D for the Next-generation Accelerators

Speaker

Qingjin Xu

17:00–17:20 **CEPC Industrial Preparation and Procurement Strategy Study**

Speaker

Song Jin

17:20–17:40 **Green CEPC Technology Development in EDR**

17:40

Speaker
Jinshu Huang