

## Session Program

8-26 Jan 2024



**IAS Program on High Energy Physics (HEP 2024)**

***Mini-workshop: Accelerator***

# Thursday 18 January

08:30

## Mini-workshop: Accelerator: Registration

Session | Location: IAS2042, 2/F

08:50

08:55

## Mini-workshop: Accelerator: Welcome Remarks

Session | Location: IAS2042, 2/F

09:00

09:00

## Mini-workshop: Accelerator: MW-Th-AP01

Session | Location: IAS2042, 2/F | Convener: Jie Gao

09:00–09:30

### Future Accelerator Projects in Asia/Australia

#### Speaker

Jie Gao

09:30–10:00

### EAJADE Sustainability Activities for Future Large Accelerators and Colliders

#### Speaker

Maksym Titov

10:00–10:30

### CEPC Towards a Green Collider

#### Speaker

Yuhui Li

10:30

11:00

## Mini-workshop: Accelerator: MW-Th-AP02

Session | Location: IAS2042, 2/F | Convener: Maxim Titov

11:00–11:30

### Green ILC [Zoom]

#### Speaker

Masakazu Yoshioka

11:30–12:00

### CO2 Reduction Optimization with Future Colliders Design, Construction and Operation [Zoom]

#### Speaker

Dou Wang

12:00–12:30

### CEPC Towards a Green Collider

#### Speaker

Rui Ge

12:30

14:00

## Mini-workshop: Accelerator: MW-Th-AP03

Session | Location: IAS2042, 2/F | Convener: Michael Koratzinos

14:00–14:45

### High Q and High Field SC Cavity Studies and Applications in Green Accelerators

#### Speaker

Jiyuan Zhai

15:30	<div>14:45-15:30</div> <div><b>High Efficiency Klystron Studies and Development for Green Colliders</b></div> <div><b>Speaker</b> Zusheng Zhou</div>
16:00	<div><b>Mini-workshop: Accelerator: MW-Th-AP04</b></div> <div><b>Session</b>   <b>Location:</b> IAS2042, 2/F   <b>Convener:</b> Tohru Takahashi</div>
	<div>16:00-16:30</div> <div><b>Overview of the Xsuite Accelerator Simulation Framework [Zoom]</b></div> <div><b>Speaker</b> Giovanni Iadarola</div>
	<div>16:30-17:00</div> <div><b>IHEP C3 Technology Studies</b></div> <div><b>Speaker</b> Jingru Zhang</div>
17:30	<div>17:00-17:30</div> <div><b>Beam Driven Plasma Accelerator and Efficiency Study</b></div> <div><b>Speaker</b> Dazhang Li</div>

## Friday 19 January

09:00

### Mini-workshop: Accelerator: MW-F-AP01

**Session** | **Location:** IAS2042, 2/F | **Convener:** Jie Gao

09:00–09:30

#### SC Magnets for FCCee Collider Ring

**Speaker**

Michael Koratzinos

09:30–10:00

#### Permanent Magnets Applications in Accelerators

**Speaker**

Mei Yang

10:00–10:30

#### Applications of High Field Superconductivity Technology

**Speaker**

Qingjin Xu

10:30

11:00

### Mini-workshop: Accelerator: MW-F-AP02

**Session** | **Location:** IAS2042, 2/F | **Convener:** Yuhui Li

11:00–11:45

#### HEPS Green Energy Applications

**Speaker**

Jinshu Huang

11:45–12:30

#### Economical and High Efficiency Industrial Production of Accelerator Components

**Speaker**

Song Jin

12:30