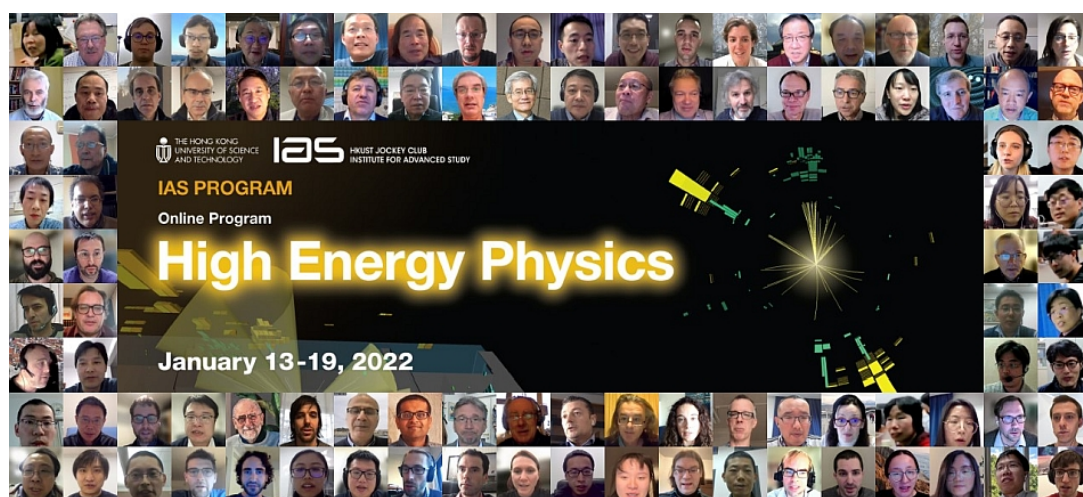


## **Session Program**

**13-19 Jan 2022**



# **IAS Program on High Energy Physics (HEP 2022)**

## ***Conference***

Online via Zoom  
(Details will be available in due course)

# Monday 17 January

20:00

## Conference: Day 1 - Session 1 (CF-D1-S1)

**Session** | **Location:** Online via Zoom, (Details will be available in due course) | **Convener:** Jie GAO

20:00–20:40 **CEPC Status**

**Speaker**

Xinchou LOU

20:40–21:20 **FCC Status**

**Speaker**

Frank ZIMMERMANN

21:20–21:30 **Discussion**

21:30

21:40

## Conference: Day 1 - Session 2 (CF-D1-S2)

**Session** | **Location:** Online via Zoom, (Details will be available in due course) | **Convener:** Frank ZIMMERMANN

21:40–22:20 **Storage Rings and Gravitational Waves**

**Speaker**

Katsunobu OIDE

22:20–23:00 **Long-lived Particles at (Future) Colliders**

**Speaker**

Jonathan Lee FENG

23:00–23:10 **Discussion**

23:10

## Tuesday 18 January

16:30

### Conference: Day 2 - Session 1 (CF-D2-S1)

**Session** | **Location:** Online via Zoom, (Details will be available in due course) | **Convener:** Kirill PROKOFIEV

16:30–17:10 **ILC Status**

**Speaker**

Tatsuya NAKADA

17:10–17:50 **CLIC Status**

**Speaker**

Steinar STAPNES

17:50–18:00 **Discussion**

18:00

20:00

### Conference: Day 2 - Session 2 (CF-D2-S2)

**Session** | **Location:** Online via Zoom, (Details will be available in due course) | **Convener:** Kam-Biu LUK

20:00–20:40 **Overview on (future) DM Direct Detection**

**Speaker**

Jianglai LIU

20:40–21:20

#### **The SENSEI Experiment: Latest Results and Prospects for Sub-GeV Dark Matter Searches**

**Speaker**

Ana Martina BOTTI

21:20–21:30 **Discussion**

21:30

21:40

### Conference: Day 2 - Session 3 (CF-D2-S3)

**Session** | **Location:** Online via Zoom, (Details will be available in due course) | **Convener:** Joao GUIMARAES DA COSTA

21:40–22:20 **Recent progress on Physics Opportunities at e-e+ Colliders**

**Speaker**

Liantao WANG

22:20–23:00

#### **Recent progress on Physics Opportunities at e-e+ Colliders (Flavor Physics)**

**Speaker**

Lingfeng LI

23:00–23:10 **Discussion**

23:10

## Wednesday 19 January

20:00

### Conference: Day 3 - Session 1 (CF-D3-S1)

**Session** | **Location:** Online via Zoom, (Details will be available in due course) | **Convener:** Yue ZHAO

20:00–20:40

#### Overview on the GWs Detections

##### Speaker

Keith RILES

20:40–21:20

#### Multi-messenger Astronomy: An Overview for Particle Physicists

##### Speaker

John F. BEACOM

21:20–21:30

#### Discussion

21:30

21:40

### Conference: Day 3 - Session 2 (CF-D3-S2)

**Session** | **Location:** Online via Zoom, (Details will be available in due course) | **Convener:** Tao LIU

21:40–22:20

#### Snowmass Status

##### Speaker

Tao HAN

22:20–23:00

#### Closing Talk

##### Speaker

Kathryn M. ZUREK

23:00–23:10

#### Discussion

23:10–23:11

#### Panel Discussion & Closing Remarks

##### Speakers

Emilio A. NANNI, Gavin SALAM, Steinar STAPNES, Tao HAN, Tatsuya NAKADA, Yifang WANG

23:59