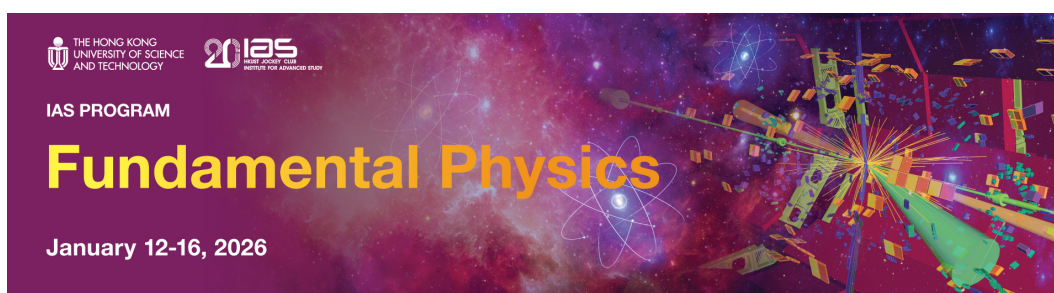


## **Session Program**

**12-16 Jan 2026**



## **IAS Program on Fundamental Physics (FP 2026)**

***Conference: Plenary Sessions***

# Monday 12 January

09:00

## Conference: Plenary Sessions: M-1 - High Energy Physics I

**Session** | **Location:** IAS Lecutre Theater (LT) | **Convener:** Tao LIU

09:00–09:45 **Theoretical Perspeticve for HEP**

**Speaker**

Csaba CSAKI

09:45–10:30 **LHC Status Overview**

**Speaker**

Andreas HOECKER

10:30

11:00

## Conference: Plenary Sessions: M-2 - High Energy Physics II

**Session** | **Location:** IAS Lecutre Theater (LT) | **Convener:** Joao GUIMARAES DA COSTA

11:00–11:45 **Thoughts on the Colliders: Higgs Factory and Beyond**

**Speaker**

Tatsuya NAKADA

11:45–12:30 **European High-Energy-Physics Strategy Overview**

**Speaker**

Karl JAKOBS

12:30

## Tuesday 13 January

09:00

### Conference: Plenary Sessions: Tu-1 - Gravitational Waves

**Session** | **Location:** IAS Lecutre Theater (LT) | **Convener:** Michael RAMSEY-MUSOLF

09:00–09:45 **GW Physics**

**Speaker**

Jonathan R. ELLIS

09:45–10:30 **Detection of High-frequency Gravitational Waves**

**Speaker**

Diego BLAS

10:30

11:00

### Conference: Plenary Sessions: Tu-2 - Astronomy / Cosmology

**Session** | **Location:** IAS Lecutre Theater (LT) | **Convener:** Jane DAI

11:00–11:45 **Dark Energy Spectroscopic Instrument - A New Breakthrough**

**Speaker**

Kyle DAWSON

11:45–12:30 **FRB and Fudnamental Physics**

**Speaker**

Bing ZHANG

12:30

# Wednesday 14 January

09:00

## Conference: Plenary Sessions: W-1 - High Energy Physics III

**Session** | **Location:** IAS Lecutre Theater (LT) | **Convener:** Brian FOSTER

09:00–09:45 **LEP3 @ LHC**

**Speaker**

Tiziano CAMPORESI

09:45–10:30 **Linear Collider @ CERN**

**Speaker**

Jenny LIST

10:30

11:00

## Conference: Plenary Sessions: W-2 - High Energy Physics IV

**Session** | **Location:** IAS Lecutre Theater (LT) | **Convener:** Kirill PROKOFIEV

11:00–11:45 **Muon Collider**

**Speaker**

Daniel SCHULTE

11:45–12:30 **New Probes for Fundamental Physics**

**Speaker**

Giorgio GRATTA

12:30

14:00

## Conference: Plenary Sessions: W-3 - New Technologies & New Probes I

**Session** | **Location:** IAS Lecutre Theater (LT) | **Convener:** Liantao WANG

14:00–14:45 **Axion Physics and Detection - Overview**

**Speaker**

Andreas RINGWALD

14:45–15:30 **Searching for Light Bosons and New Forces with New Technology**

**Speaker**

Surjeet RAJENDRAN

15:30

16:00

## Conference: Plenary Sessions: W-4 - New Technologies & New Probes II

**Session** | **Location:** IAS Lecutre Theater (LT) | **Convener:** Yue ZHAO

16:00–16:45

### Quantum Sensing and Its Applications for Exploring Fundamental Physics

**Speaker**

Dmitry BUDKER

16:45–17:30 **Quantum Probes for Fundamental Physics**

**Speaker**

Xinhua PENG

17:30

## Thursday 15 January

09:00

### Conference: Plenary Sessions: Th 1 - High Energy Physics V

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

09:00–10:30

#### Key Results of the FCC Feasibility Study and Steps Towards Implementation

**Speakers**

Frank ZIMMERMANN, Michael BENEDIKT

10:30

11:00

### Conference: Plenary Sessions: Th 2 - High Energy Physics VI

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

11:00–11:45

#### HALHF Project

**Speaker**

Brian FOSTER

11:45–12:30

#### Alive project

**Speaker**

Allen CALDWELL

12:30

Friday 16 January

09:00  
10:30  
11:00  
12:30

Conference: Plenary Sessions: F-1 - High energy Physics VII

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

09:00-09:45 CEPC Accelerator

Speaker  
Yi JIAO

09:45-10:30 CEPC Detector

Speaker  
Miao HE

Conference: Plenary Sessions: F-2 - Panel Session

Session | Location: IAS Lecutre Theater (LT) | Convener: Tao LIU (Moderator)

11:00-12:00 Panel Discussion