

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 Lecture Theater (LT) | Convener: Tao LIU

09:00-09:45 **Theoretical Perspective for HEP**

Speaker

Csaba CSAKI

09:45-10:30 **LHC Status Overview**

Speaker

Andreas HOECKER

10:30

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

Session | Location: IAS Lecture 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

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

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

10:30

Conference: Plenary Sessions: F-2 - Panel Session

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

11:00-12:00 **Panel Discussion**

12:30