

Introduction

CEPC Physics and Detector Plenary Meeting
Wednesday, January 21, 2025

<https://indico.ihep.ac.cn/event/28613/>

Joao Guimaraes

Agenda

CEPC Physics and Detector Plenary Meeting



📅 Wednesday Jan 21, 2026, 3:00 PM → 5:10 PM Asia/Shanghai

📍 122 (IHEP Multi-Disciplinary Building)

Description Meeting URL:

<https://zoom.us/j/99845275219?pwd=JOSplxGdFI1DI5KCKaCbvfwnZ205N3.1>

ID: 998 4527 5219

Password: 773321

3:00 PM → 3:10 PM **Introduction**

🕒 10m



Speakers: Haijun Yang (Shanghai Jiao Tong University), Imad LAKTINEH (IPNL), Jianchun Wang (IHEP), Joao Guimaraes da Costa, Miao He (IHEP)

3:10 PM → 3:40 PM **Progress on the TPC detector module and prototype**

🕒 30m



Speaker: Huirong Qi (Institute of High Energy Physics, CAS)

 TPC_RD_CEPC_Huir...

3:40 PM → 4:00 PM **Optical data transmission**

🕒 20m



Speaker: Mengqing WU (IMAPP Radboud University, Nijmegen)

Past events

- **Hong Kong IAS Conference:**

- <https://indico.global/event/15407/timetable/?view=standard>
- Successful conference with participation of:
 - LHC: Andreas Hoecker
 - European Strategy Group: Karl Jakobs
 - LEP3: Tiziano Camporesi
 - FCC: Frank Zimmermann and Michael Benedikt
- Meeting between CEPC management team and European representatives: Karl Jakobs, Frank Zimmermann, Michael Benedikt, Paolo Giacomelli and Marco Maggiora
 - Discussed potential future collaboration with FCC

- **The message:**

- The CEPC remains an international project seeking to be approved by the government for construction at the earliest opportunity
 - The CEPC Study Group intends to continue advancing the critical and innovative R&D projects identified by various international review and advisory committees, to position well the CEPC for approval in 2030 within China's 16th Five-year Plan
- IHEP will join FCC, if it is officially approved for construction before 2030
 - In the meanwhile, CEPC is open to deeper collaboration with the high-energy physics program at CERN through the FCC and the DRD Collaborations

Next steps and events

- **FCC Physics Workshop**

- <https://indico.cern.ch/event/1588696/>
- Joao and Miao He will attend to discuss possible collaboration
- Talk on the CEPC Reference Detector on Wednesday

- **2026 European Edition of the International Workshop on the CEPC, Lisbon, Portugal**

- Tuesday, April 7 to Friday, April 10
- <https://indico.cern.ch/event/1598929/>
- Email list: cepc26lis@cftp.tecnico.ulisboa.pt