

Session Program

4-9 May 2025

May 5-9, 2025

LHCP *TAIPEI*
2025

**13th Edition of the Large Hadron Collider
Physics Conference**

Higgs Physics

Monday 5 May

14:00

Higgs Physics

Session | Location: Raphael

14:00-14:18	Constraints on couplings to second generation fermions from ATLAS Speaker Chunhao Tian
14:18-14:36	Constraints on couplings to second generation fermions from CMS Speaker Ming-Yan Lee
14:36-14:54	Higgs property (mass, width, CP) and EFT measurements from ATLAS Speaker Tairan Xu
14:54-15:12	Higgs property (mass, width, CP) and EFT measurements from CMS Speaker Mr Gourab Saha
15:12-15:30	CP-sensitive simplified template cross-sections for ttH Speaker Anastasia Kotsokechagia

15:50

Tuesday 6 May

10:45

Higgs Physics

Session | **Location:** Raphael

10:45–11:03

Higgs couplings and differential measurements from ATLAS

Speaker

Jiayi Chen

11:03–11:21

Higgs couplings and differential measurements from CMS

Speaker

Svenja Diekmann

11:21–11:39

Loop induced $H^\pm WZ$ vertices in the general two Higgs doublet model with CP violation

Speaker

Yushi Mura

11:39–11:57

Inclusive Higgs $\rightarrow b\bar{b}/c\bar{c}$ with Run 2 data from LHCb

Speaker

Davide Zuliani

11:57–12:15

A comparative study of flavour-sensitive observables in hadronic Higgs decays

Speaker

Benjamin Campillo Aveleira

12:15

13:40

Higgs Physics

Session | **Location:** Raphael

13:40–13:58

Top Yukawa and self-coupling EW corrections to Higgs pair production in the high-energy limit

Speaker

Kay Schoenwald

13:58–14:16

Non-resonant HH and higgs-self couplings measurements by ATLAS

Speaker

Florian Haslbeck

14:16–14:34

Non-resonant HH and higgs-self couplings measurements by CMS

Speaker

Antra Gaile

14:34–14:52

Searches for additional Higgs bosons (including BSM H125 decays) by CMS

Speaker

Junquan Tao

14:52-15:10

Searches for additional Higgs bosons (including BSM H125 decays) by ATLAS

Speaker

Damiano Vannicola

15:30