

Session Program

4-9 May 2025

May 5-9, 2025

LHCP *TAIPEI*
2025

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

BSM-1

Monday 5 May

14:00

BSM-1: Boosted t/H Resonances

Session | Location: Socrates

14:00–14:18 **Recent Results on Searches with Boosted Tops (CMS)**

Speaker

Emanuele Usai

14:18–14:36 **Recent Results on Searches with Boosted Top (ATLAS)**

Speaker

Elizaveta Sitnikova

14:36–14:54 **Boosted t/H Highlight Talk (ATLAS + CMS)**

Speaker

Ting-Hsiang Hsu

14:54–15:12 **Recent Results on Searches with Boosted Higgs (ATLAS)**

Speaker

Dr Sahibjeet Singh

15:12–15:30 **Recent Results on Searches with Boosted Higgs (CMS)**

Speaker

Farouk Mokhtar

15:50

Tuesday 6 May

10:45

BSM-1: Anomaly/Trigger-Level Searches

Session | Location: Socrates

10:45-11:03 **FPGAs for Anomaly Detection**

Speaker
Tae Min Hong

11:03-11:21 **Quantum Similarity Learning for Anomaly Detection**

Speaker
Dr Ahmed Hammad

11:21-11:39 **Jet Classification with High-Level Features**

Speaker
Sung Hak Lim

11:39-11:57

Recent Results on Anomaly Detection / ML / UL based searches (ATLAS + CMS)

Speaker
Vilius Čepaitis

11:57-12:15 **Recent Results on Scouting / Trigger-level Analyses (ATLAS+CMS)**

Speaker
Swagata Mukherjee

12:15

13:40

BSM-1: SUSY + Exotics

Session | Location: Socrates

13:40-13:58 **Recent SUSY Results (ATLAS)**

Speaker
Sofia Cella

13:58-14:16 **Recent SUSY Results (CMS)**

Speaker
Changgi Huh

14:16-14:34 **SUSY Highlight (ATLAS + CMS)**

Speaker
Eric Ballabene

14:34-14:52 **Recent Heavy H/A Results (ATLAS)**

Speaker
Yuan-Tang Chou

14:52-15:10 **Recent Heavy H/A Results (CMS)**

Speaker
Gouranga Kole

15:30

15:10-15:28

Discussion Time

Friday 9 May

10:45

BSM-1: Heavy Fermions

Session | Location: Forum

10:45-11:03 **Recent Results on VLQs / Excited Fermions (ATLAS)**

Speaker

Jose Enrique Garcia Navarro

11:03-11:21 **Recent Results on VLQs / Excited Fermions (CMS)**

Speaker

Yu-Wei Kao

11:21-11:39 **Recent Results on VLLs / Seesaw Fermions (ATLAS)**

Speaker

Giuseppe Carratta

11:39-11:57 **Recent Results on VLLs / Seesaw Fermions (CMS)**

Speaker

Halil Saka

12:15

13:40

BSM-1: Heavy Bosons

Session | Location: Socrates

13:40-13:58 **Recent Hadronic Results (CMS)**

Speaker

Petar Maksimovic

13:58-14:16 **Recent Hadronic Results (ATLAS)**

Speaker

Nikolina Ilic

14:16-14:34

Prospects for general 2HDM charged Higgs boson searches at the LHC

Speaker

Mohamed Krab

14:34-14:52 **Recent Non-Hadronic Results (CMS)**

Speaker

Diego Fernandez Del Val

14:52-15:10 **Recent Non-Hadronic Results (ATLAS)**

Speaker

Roy Schimmel Brener

15:30