

**Session Program**

**4-9 May 2025**

*May 5-9, 2025*

**LHCP** *TAIPEI*  
*2025*

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

***Future Projects***

## Tuesday 6 May

13:40

### Future Projects

**Session** | **Location:** Michelangelo

13:40–13:58

#### How to think about detector design at a future ee collider

**Speaker**

Iacopo Vivarelli

13:58–14:16

#### How to think about detector design at a future $\mu\mu$ collider

**Speaker**

Isobel Ojalvo

14:16–14:34

#### How to think about detector design at a future pp collider

**Speaker**

Jackson Carl Burzynski

14:34–14:52

#### Tracking R&D

**Speaker**

Karri Folan Di Petrillo

14:52–15:10

#### Calorimeter R&D

**Speaker**

David Yu

15:10–15:28

#### Computing R&D

**Speaker**

Philip Chang

15:30

## Thursday 8 May

13:40

### Future Projects

**Session** | **Location:** Michelangelo

13:40–13:58

**Heavy Ions: What are the open questions?****Speaker**

Alba Soto Ontoso

13:58–14:16

**Heavy Ions: How can future facilities answer these questions?****Speaker**

Riccardo Longo

14:16–14:34

**Satellite Detectors: Where can we benefit most?****Speaker**

Prof. Mihoko Nojiri

14:34–14:52

**Satellite Detectors: What are our options, including at future colliders?****Speaker**

Lydia Brenner

14:52–15:10

**Future colliders: What does experiment need from theory?****Speaker**

Lawrence Lee Jr

15:30

## Friday 9 May

13:40

### Future Projects

**Session** | **Location:** Michelangelo

13:40–13:58

#### Higgs Physics Across Future Machines

**Speaker**

Ya-Juan Zheng

13:58–14:16

#### BSM Physics Across Future Machines

**Speaker**

Carissa Joyce Cesarotti

14:16–14:34

#### A Flavor Model of Electroweak Baryogenesis to be tested at the LHC

**Speaker**

George Wei-Shu Hou

14:34–14:52

#### What's Fundamentally New at High Energies

**Speaker**

Natsumi Nagata

14:52–15:10

#### High Energy Insights from Cosmic and Neutrino Sectors

**Speaker**

Dr Yikun Wang

15:10–15:28

#### How is accelerator technology pushing the bounds of what's possible

**Speaker**

Mei Bai

15:30