



Chula
Chulalongkorn University

44th International Conference on High Energy Physics (ICHEP 2028)

Asst. Prof. Dr. Chayanit Asawatangtrakuldee (Chair)
on behalf of Department of Physics, Chulalongkorn University
Proposed dates of 19 – 26 July 2028 in Bangkok, Thailand

- **International Conference on High Energy Physics (ICHEP)** is one of the most prestigious international scientific conferences in the field of particle physics, bringing together leading theorists and experimentalists of the world. It was first held in 1950, and has been biennial since 1960.
- **High energy physics (or Particle Physics)** is one of frontier research projects in the national strategic plan of Ministry of Higher Education, Science, Research and Innovation of Thailand, together with Quantum Technology and Space Technology.
- It was hosted in Southeast Asia (Singapore) since 1990 and this will be the second time in Southeast Asia in Thailand after 38 years.
- Bangkok ranks number one as the world's most visited city for tourists in 2023, and the second-best city in Asia for expats.

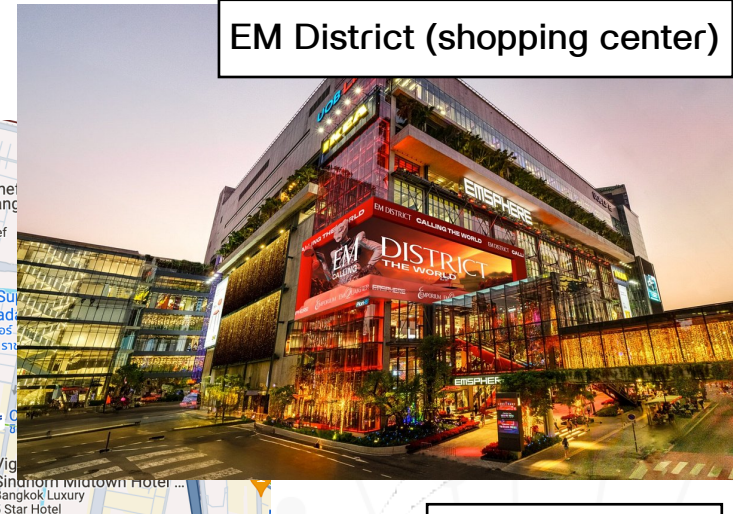
- A.K.A “Chula”
- The 1st university in Thailand since 1917 (107 years old)
- Chula ranked no.1 university in Thailand for 15 Consecutive years by QS World University Rankings 2024
- More details <https://www.chula.ac.th/en>



https://youtu.be/K_6KhBts-ZI?si=I59_NfGhqNLj6NM6

Conference Venue

- Chulalongkorn University is located at the center of Bangkok



Conference Program

Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday
	Parallel	Parallel	Parallel	Satellite sessions	Plenary	Plenary	Plenary
	Lunch	Lunch	Lunch		Lunch	Lunch	Lunch
Welcome Reception	Parallel	Parallel	Parallel		Plenary	Plenary	Plenary
		Poster			Banquet	Outreach Event	

- Traditional “ICHEP program”: 3 parallel session days, 3 plenary session days, 1 satellite session day
- Posters will be placed until the last day of the conference as usual
- Conference Banquet will be ***Dinner on Cruise*** or ***Sala Phra Kieo*** (casual dining with Thai cuisine)

Welcome Reception

- Location
 - Chakkrabong Square
- Food & Beverage
 - included Michelin Guide street food
- Entertainment
 - Modern Thai Tradition Show



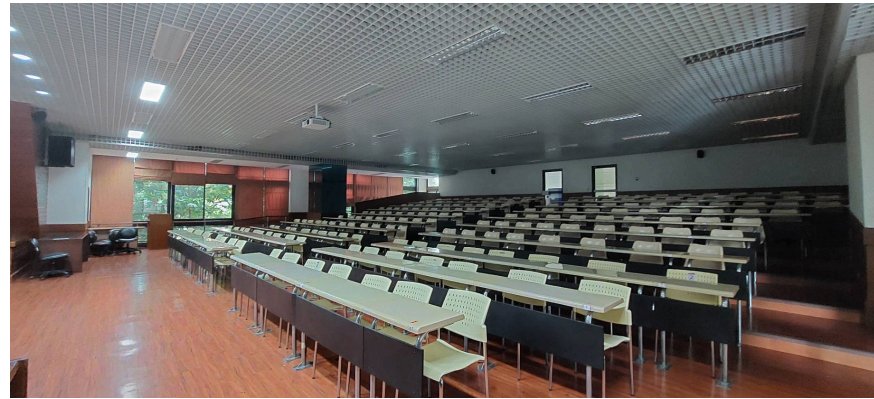
Main Auditorium (Plenary)

- Capacity : 1500 seats (target 1000 – 1200 participants)

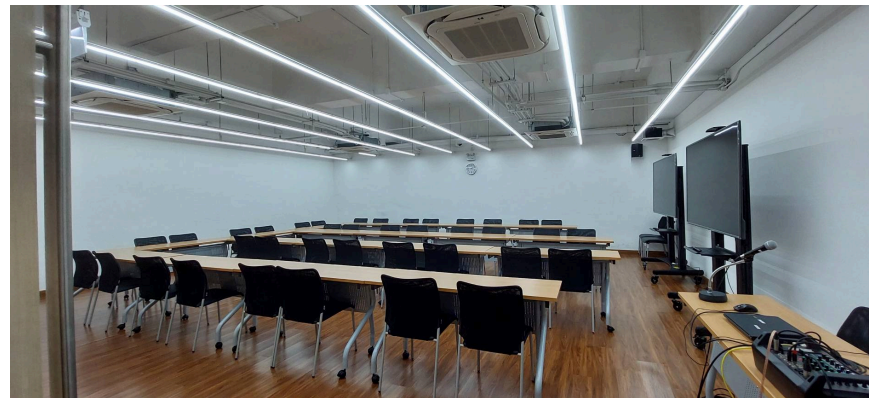


Lecture/Meeting Rooms (Parallel)

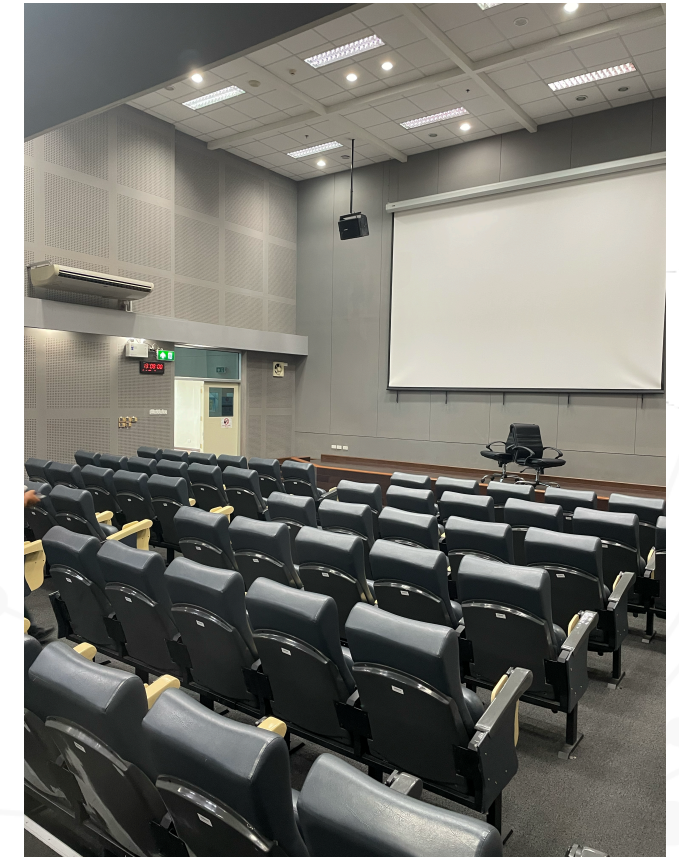
- More than 15 meeting rooms to accommodate 12 – 13 parallel sessions at Faculty of Science



Meeting room for 200 people



Meeting room for 60 people
(can be adjusted to classroom style)



Meeting room for 150 people

Coffee Breaks



Conference Banquet

- Option 1: Dinner on Cruise



Conference Banquet

- Option 2: casual dining with Thai cuisine at Sala Phra Kieo



Excursion (optional)

- 1-day trip to Ayuthaya supported by the State Railway of Thailand (to be determined)



- Catering idea on train



Exclusive Cultural Show (optional)

- **Khon dance** at the Main Auditorium supported by Chula

*Khon is based on the tales of the epic **Ramakien** (Thai adaptation of Indian Hindu epic Ramayana), as Thai literature and drama draws great inspiration from Indian arts and legend. Khon Ramakien originally could be performed by men only. Women performed only as angels and goddesses. Today women perform as monkeys and demons. In the past, Khon was performed only by the royal family, with the sons of the king performing as monkeys and demons. Thai Khon stresses realistic dance moves, especially the monkey, which focuses on beauty and fine monkey-like dancing postures.*



Transportations

- Conference venue is reachable by public transportation
 - International airport by airport rail-link and connect to metro/skytrain
 - Metro (MRT : Samyan) and skytrain (BTS : Siam)
 - Bus and taxi (or 3-wheeled car)
- On-campus
 - **EV Shuttle Bus** to pick up and drop off participants between conference venue and MRT/BTS every hour from 8:00 to 20:00
 - **E-bike** sharing by mobile app



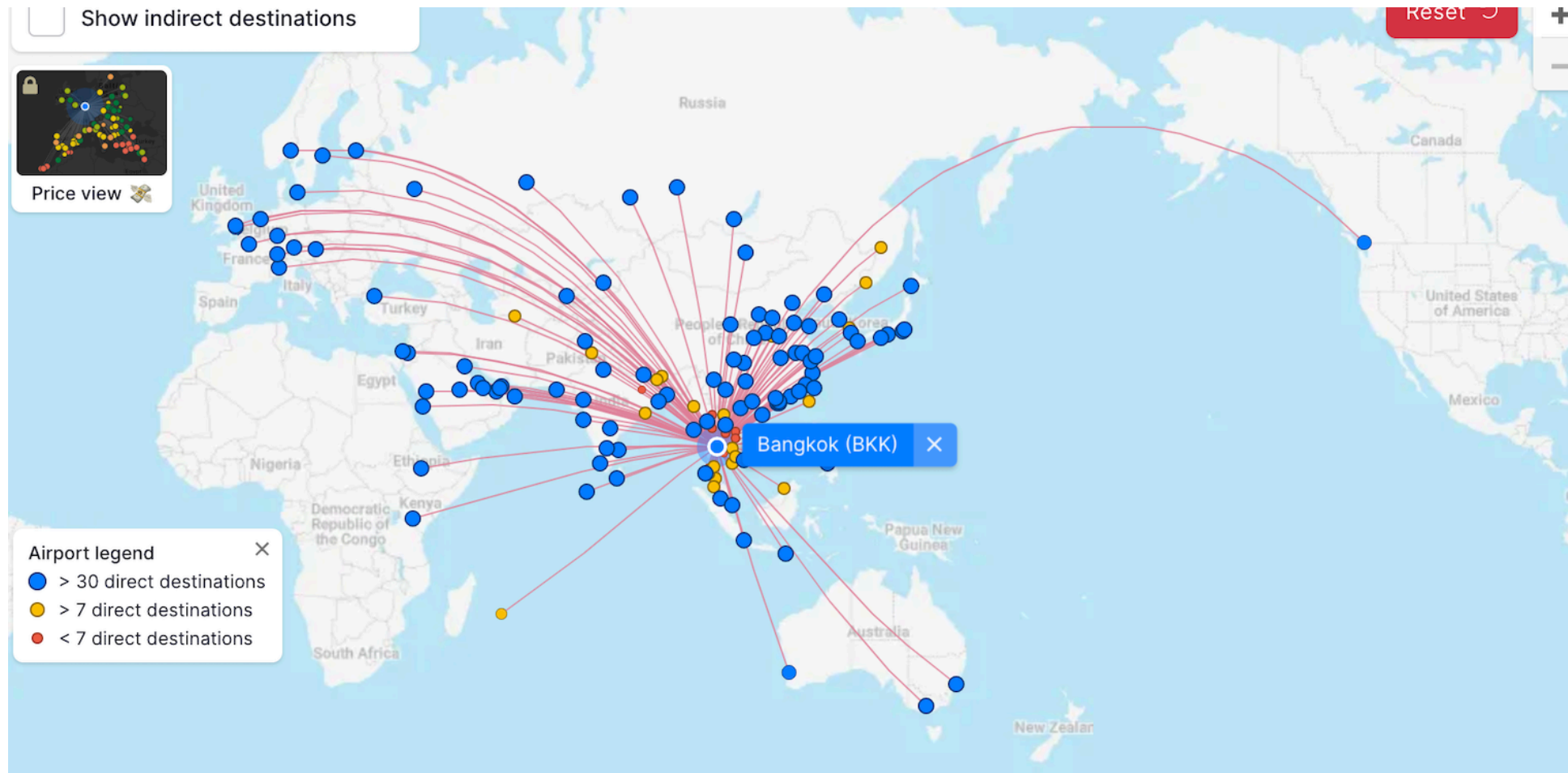
Why Thailand?

BANGKOK



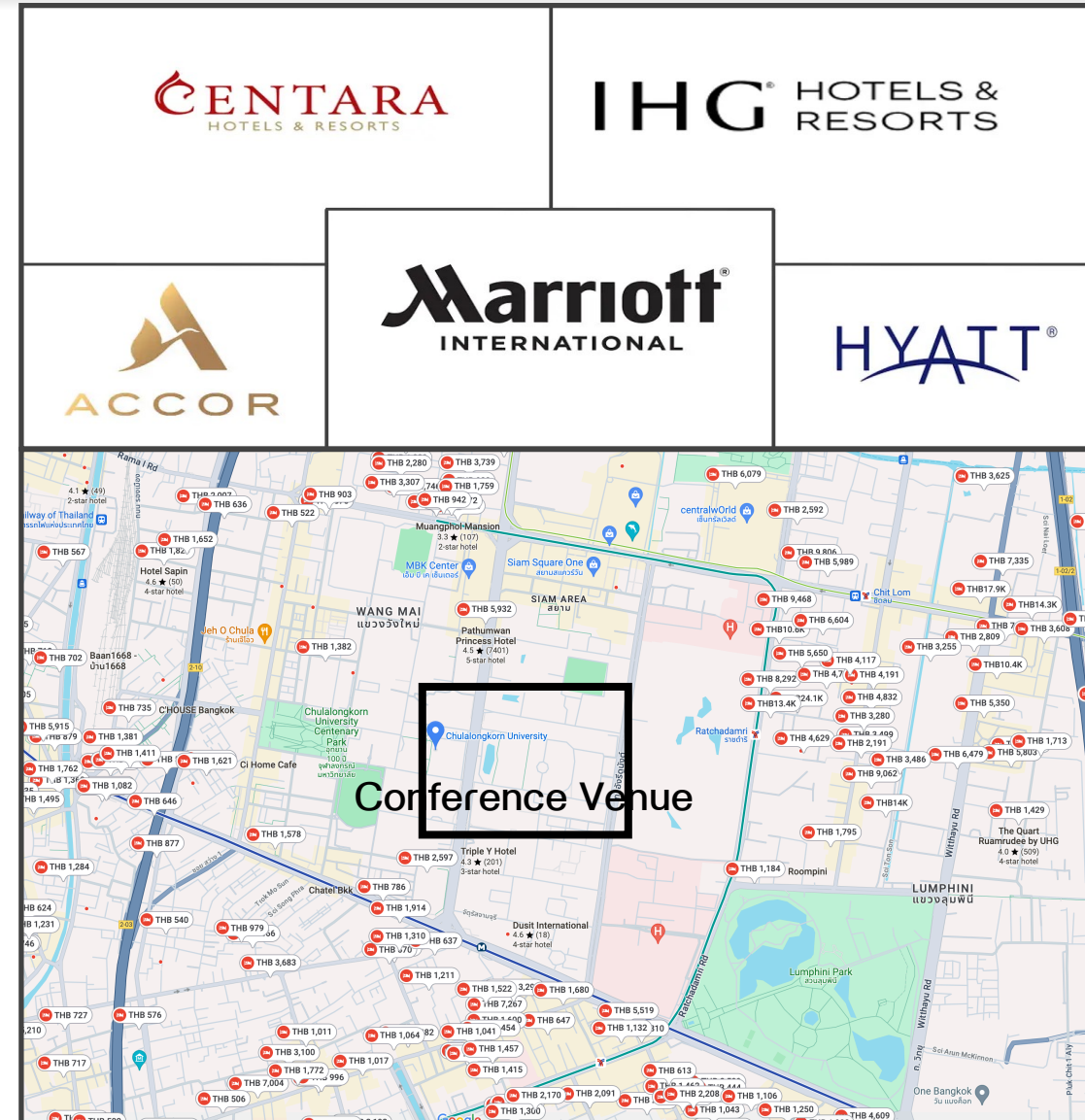
Flights to Bangkok

- Many direct flights from all continents around the globe



Accommodations

- More than hundred hotels near the conference venue
- Luxury (5 ★) : price range 4000 – 12000 THB (100 – 300 EUR per night)
- Premium to Midscale (3 – 4 ★) : 1600 – 4000 THB (40 – 100 EUR per night)
- Economy (2 – 3 ★) : 600 – 1600 THB (15 – 40 EUR per night)
- We can provide special offers for ICHEP participants on selected hotels (local supports)



Local Organizing Committees

- Department of Physics, Faculty of Science, Chulalongkorn University ([webpage](#))
 - Asst. Prof. Dr. Sojiphong Chatraphorn (Head of Department)
 - Asst. Prof. Dr. Chayanit Asawatangtrakuldee (Chair for ICHEP2028)
- Thai-CERN Collaboration (since 2012) within the Information Technology Foundation under the initiative of Her Royal Highness Princess Maha Chakri Sirindhorn
 - Synchrotron light research institute
 - Chulalongkorn University
 - Suranaree University of Technology
- Thai-IceCube Collaboration (since 2023) within the Information Technology Foundation under the initiative of Her Royal Highness Princess Maha Chakri Sirindhorn
 - Chiang Mai University
 - Chulalongkorn University
 - National Astronomical Research Institute of Thailand
 - Panyapiwat Institute of Management

Local Supports



The Information Technology Foundation under the Initiative of Her Royal Highness Princess Maha Chakri Sirindhorn



Ministry of Higher Education, Science, Research and Innovation



Thailand Center of Excellence in Physics



National Astronomical Research Institute of Thailand



Thai Synchrotron National Lab



Chulalongkorn University



Chiang Mai University



Suranaree University of Technology



Panyapiwat Institute of Management

Letters of Support



มูลนิธิเทคโนโลยีสารสนเทศตามพระราชดำริสมเด็จพระเทพรัตนราชสุดาฯ สยามบรมราชกุมารี

No. PSIT/182
July 8, 2024

Professor Florencia Canelli
Chair of Commission C11: Particles and Fields
International Union of Pure and Applied Physics – IUPAP
florencia.canelli@cern.ch

Dear Professor Canelli,

On behalf of the Information Technology Foundation under the initiative of Her Royal Highness Princess Maha Chakri Sirindhorn, it is my pleasure to extend our wholehearted support for the proposal to host the International Conference on High Energy Physics (ICHEP) 2028 in Thailand. Hosting ICHEP 2028 presents a remarkable opportunity for Thailand to showcase its advancements in science and technology and to foster international collaboration in high energy physics.

The foundation has worked on various projects to promote learning, teaching and research in science and technology and information technology, as well as to promote development, support and help people to have a better quality of life, using knowledge in science and technology and information technology, for more than twenty (20) years (<https://princess-it.org/en/>), under the guidance of Her Royal Highness Princess Maha Chakri Sirindhorn who chairs the foundation's executive committee. We are deeply committed to advancing scientific research and education in Thailand. We believe that ICHEP 2028 will provide an unparalleled platform for knowledge exchange and innovation. We are prepared to support the efforts in organizing this prestigious event, ensuring that it meets the highest standards of excellence and contributes meaningfully to the global scientific community. We are confident that with the collaborative efforts of our scientific and academic communities, ICHEP 2028 in Thailand will be an extraordinary success.

Sincerely,

(Prof. Pairash Thajchayapong, Ph.D.)
Secretary General
Information Technology Foundation
under the Initiative of Her Royal Highness Princess Maha Chakri Sirindhorn



NO 0224.1/13581

9 July 2024

Professor Florencia Canelli
Chair of Commission C11: Particles and Fields
International Union of Pure and Applied Physics – IUPAP
florencia.canelli@cern.ch

Dear Professor Canelli,

On behalf of the Ministry of Higher Education, Science, Research, and Innovation (MHESI) of Thailand, I am delighted to express our support for the proposal to host the International Conference on High Energy Physics (ICHEP) in 2028 at Chulalongkorn University in Thailand.

ICHEP is one of the major conferences in the field of high energy physics. Hosting ICHEP 2028 in Thailand would not only highlight our country's commitment to advancing scientific research and education but also provide an excellent platform for international collaboration and knowledge exchange. We believe that hosting ICHEP 2028 in Thailand will further stimulate interest and investment in scientific research and education within our country and the broader Southeast Asian region.

MHESI, therefore, strongly endorses the proposal to host the ICHEP 2028. We look forward to the opportunity to welcome the global high energy physics community to Thailand in 2028.

Sincerely Yours,

(Prof. Supachai Pathumnakul, Ph.D.)
Deputy Permanent Secretary
for Permanent Secretary

Ministry of Higher Education, Science, Research and Innovation

Ministry of Higher Education, Science, Research and Innovation Thailand
Bureau of Strategic Management Team
E-mail: inter.intermhesi@gmail.com



ศูนย์ความเป็นเลิศด้านฟิสิกส์
Thailand Center of Excellence in Physics
www.thep-center.org
Email: sarabao@thep-center.org

Professor Florencia Canelli
Chair of Commission C11: Particles and Fields
International Union of Pure and Applied Physics – IUPAP
florencia.canelli@cern.ch

July 4th, 2024

Dear Professor Canelli,

The Thailand Center of Excellence in Physics (ThEP) is a premier institution dedicated to advancing the field of physics in Thailand through cutting-edge research, education, and international collaboration.

Hosting ICHEP 2028 in Thailand presents a unique opportunity to highlight our country's advancements in high energy physics and to foster international collaboration in this critical field. The Thailand Center of Excellence in Physics is committed to providing comprehensive support to ensure the success of this prestigious conference.

We look forward to welcoming the international high energy physics community to Thailand and to contributing to the continued advancement of this important scientific discipline.

Sincerely Yours,

Assoc. Prof. Dr. Duangmanee Wongrataphisan
Executive Director
Thailand Center of Excellence in Physics,
239, Huay Kaew Road, Muang District, Chiang Mai Thailand, 50200
E-Mail: duangmanee.wong@cmu.ac.th / dwongrat@thep-center.org

Cost Breakdown (in EUR)

(Based on 1000 attendees)

- Conference venue : **€87500**
- Food & Beverage (coffee breaks, welcome reception, banquet) : **€150000**
- Proceedings : **€12500**
- Operational costs (security, medical, supporting staffs) : **€57500**
- Technical services (internet, webpage, technical staffs, equipments, mobile APPs) : **€62500**
- Participant package : **€17500**
- Logistics & Miscellaneous : **€7500**
- **Grand total : THB 15,800,000/ €395000**
- **Note**
 - Adjustments can be made based on specific needs and preferences
 - Contingency budget of around 10-15% for unforeseen expenses

(Based on 1000 attendees)

- 60% Staff/postdoc
- 40% PhD students

- 50% Early registration
- 50% Late registration

- Staff/postdoc: **€500** (**€450** early registration)
- PhD student: **€300** (**€250** early registration)
- If 800 participants instead of 1000, must increase the fee by **~€30** due to the fixed costs

**We look forward to welcoming
you all to Bangkok Thailand**

- **Current employment**

- Asst. Prof. Dr. Chayanit Asawatangtrakuldee, Department of Physics, Faculty of Science, Chulalongkorn University, Thailand

- **Education**

- Doctoral of Philosophy in Particle and Nuclear Physics, Peking University, Beijing, China
- B.Sc. in Physics, Peking University, Beijing, China

- **Work experience**

- 2016-2018 : Research Fellowship at Deutsches Elektron-Synchrotron, Hamburg, Germany

- **Management**

- Board of Department of Physics, Faculty of Science, Chulalongkorn University
- Deputy team leader of Chula-CMS group
- 2024 Chair of Diversity Monitoring and Oversight Committee at CMS
- 2022-2023 Co-chair of Implementation Team on Diversity and Inclusion at CMS
- 2019-2021 Physics Data And Monte Carlo Validation group convener at CMS
- Team leader of Chula-SND@LHC group
- 2022-2024 H-bb/cc subgroup convener at CMS
- 2016-2018 Overall Higgs MC contact at CMS

- **Personal webpage** : <https://www.frontier.phys.sc.chula.ac.th/chayanit-a>



Optional Venue 1: Centara Grand at Central World

- **Location**
 - Central World Ratchadumri
- **Conference Rooms**
 - Offers large conference rooms and ballrooms, as well as multiple adjustable breakout rooms.
- **Facilities**
 - Equipped with modern AV systems, high-speed internet, on-site restaurants and cafes, and direct access to CentralWorld shopping mall.



Optional Venue 2: Queen Sirikit National Convention Center

