

Summer Study Tour

<https://newwww.phy.cuhk.edu.hk/undergraduate/extra-curriculum-opportunities/summer-study-tour>

- Authentic experiential learning experience of visiting leading institutes overseas, to gain global exposure and interact with front-line researchers abroad
- **Information session: 6:30 p.m. on 12th November 2025**
- **Application deadline: 16th December**
- Plan for 2026 summer: Visit CERN and PSI
- Group project, PHYS3630 (1-unit)
- Subsidies from Department
- Inquiry: T. Cheng, M.-C. Chu, P. K. Leung, K. Yip



Eligibility

- Physics major in the semester after returning from the study tour (Term 1, 2026-2027)
- Good command of English
- Good academic record
- Solid physics background
- Get along well with others
- Independent and creative



Schedule

Date	Activities
September	Announcement of study tour programme
12th November	Information session (6:30pm, CYT 215)
16th December	Deadline of application*
December	Interview with short-listed applicants if needed
Early January	Successful applicants will be informed and confirmed (Participants should apply for entry VISA, if needed)
February	Pay tour fee (approximately HKD 16,000)
February – July	Preparation and pre-trip workshops
2nd – 9th August	Study tour
Late August	Post-trip session

***Application form (no more than 300 words):**

<https://wp.phy.cuhk.edu.hk/wp-content/uploads/app-2.doc>

*Please submit your **application form** together with a **copy of your transcript** (your downloaded copy is accepted) to studytour@phy.cuhk.edu.hk

Tentative Programme

<https://wp.phy.cuhk.edu.hk/wp-content/uploads/Study-tour-2026-program.pdf>

Date	Time	Activities (L: lecture, V: visit, W: workshop)	Persons in charge
Sunday 02/8	am	Gather at Hong Kong Airport	Tom, M.-C., PK, Kenny
	pm	Arrival at Zurich, Switzerland, check into hotel	
Monday 03/8	am	Visit Swiss X-ray Free Electron Laser (SwissFEL) and Swiss Spallation Neutron Source (SINQ) at PSI (V)	TBA
	pm	Travel to Bern. Visit the Einstein Museum and Einstein House in Bern (V)	Tom, M.-C., PK, Kenny
	evening	Travel from Bern to Geneva, check into hotel	Tom, M.-C., PK, Kenny
Tuesday 04/8	10:00 – 15:00	Tour Geneva (L)	Tom, M.-C., PK, Kenny
	17:00	Welcome reception	Tom, M.-C., PK, Kenny
	17:30	Objectives of the program	
	18:00	Rules and recommendations	
	18:15	Walk around the CERN site	
Wednesday 05/8	9:00	Introduction to CERN (L)	Luis
	9:45	Coffee break	9:45
	10:00	Fundamental physics (L)	TBA (CERN)
	11:15	Particle detectors (L)	TBA (CERN)
	12:30	Lunch break	
	14:00-18:00	Antimatter Factory (V), Data Centre (V), Cloud Chamber workshop (W)	TBA (CERN)
Thursday 06/8	8:30	Particle accelerators (L)	TBA (CERN)
	9:45	Experimental particle physics (L)	TBA (CERN)
	11:00	Coffee break	
	11:20	Computing at CERN (L)	TBA (CERN)
	12:30	Lunch break	
	14:00-16:00	CERN Control Centre and Neutrino Platform (V)	TBA (CERN)
	16:00	Coffee break	
Friday 07/8	16:45	Synchrotron and ATLAS Control Room (V)	TBA (CERN)
	9:00	Questions and Answers session	Tom, M.-C., PK, Kenny
	10:00	My life at CERN	alumni
	10:55	Coffee break	
	11:15	The dark side of the universe (L)	TBA (CERN)
	12:30	Lunch break	
	14:00-17:30	CMS Service Cavern (V)	TBA (CMS)
Saturday 08/8	am	Check out hotel; travel to HK, arriving on 09/8	Tom, M.-C., PK, Kenny



Paul Scherrer Institute PSI, near Zurich, Switzerland. Credit: PSI.



The CMS detector at the Large Hadron Collider, CERN.



The Einstein Museum in Bern.



Globe of Science and Innovation at CERN.



The ATLAS control center at CERN.

Individual Journal and Group Project

- You should register for **PHYS3630 (1 unit)**.
- For student who joined the study tour in summer 2025, if you are admitted to the summer study tour 2026, we will find a suitable 1-unit PHYS course as a placeholder.
- Participants of the study tour should submit a short **individual reflective journal** and carry out a **group project**.
- **Mandatory attendance in 3 pre-trip workshops on 9th, 16th and 23rd May (Saturday) with 30th May (Saturday) reserved for makeup**
- Tom Cheng, M.-C. Chu, Po Kin Leung, and Kenny Yip will lead the groups.

Participants' responsibilities

- Successful applicants will have to complete the **pre-trip workshops** and the **post-trip reflective journal and group project** after the study tour. Poor performance in the course may lead to his/her disqualification from the study tour.
- Study tour participants must follow all **safety regulations** and **guidelines**.
- A successful applicant has to apply for an **entry VISA** by himself/herself, if needed. The VISA application fee cannot be reimbursed.
- HKSAR passport holders do not need a visa to the Schengen area for a stay up to 90 days in any 180-day period. If you hold a passport issued by a different authority, it is your responsibility to check whether you meet the relevant immigration requirements.

Subsidies

- We have obtained departmental approval for a budget to subsidise each participating student with an amount ranging from **HKD 5,000 to HKD 8,000**. This subsidy will be provided on a reimbursement basis, subject to the successful completion of both the study tour and the associated course requirements.

item	Expense per student (HKD)
Air ticket and ground transportation (HK ↔ Switzerland)	8,000
Hotels (6 nights, 2 students in a room)	4,000 for students
Bus	1,000
Meals (HKD300 per day)	1,800
Miscellaneous and contingencies	1,200
Total	16,000 for each student

- You are encouraged to cover the remaining cost by applying for external supports, such as:
 - Reaching out award: <https://admission.cuhk.edu.hk/fees-financing-your-studies/scholarships/reaching-out-award/>

Inquiry

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- More detailed information and future announcements about the study tour can be found on the website:
<https://newwww.phy.cuhk.edu.hk/undergraduate/extra-curriculum-opportunities/summer-study-tour>