

SUN YAT-SEN UNIVERSITY 2026

Sino-Thai International Summer School on High Energy Physics and Astrophysics

July 12–29, 2026 | Guangzhou, China

Jian Tang

School of Physics, Sun Yat-sen University
July 13th, 2026



**Sino-Thai International Summer School
on High Energy Physics and Astrophysics in 2026
(STISS, 12-29 July, 2026)**

Scope and mission:

- Boost the development of fundamental science
- Improve the laboratory skills in physics
- Overview of large-scale scientific facilities
- Foster the cultural exchange
- Raise a new generation of young scholars
- Strengthen the international cooperation
- Advance the international level of higher education

Lecture topics:

- Introduction to high energy physics
- Introduction to astrophysics
- Particle beam and detection
- Computing skills and data analysis
- Neutrino physics and detections
- Cosmic ray physics and detections
- Dark Matter physics and prospects

Organization Committee:
Attakit Chatrabhuti (CU), Jie Feng (SYSU), Hiroshi Isono (CU), Pawin Ittisamai (CU), Hao-Lin Li (SYSU),
Ayut Limphirat (SUT), Jian Tang (SYSU), Yu-Peng Yan (SUT), Li-Li Yang (SYSU), Hong-Hao Zhang (SYSU)

Scan to register or visit <https://indico.global/event/17453/overview>
Contact: Yuan-Yuan Long (longyy26@mail.sysu.edu.cn)

Supported by CCAST, PMUB and SYSU.

中国高等科学技术中心
China Center of Advanced Science and Technology

物理学院
SCHOOL OF PHYSICS



中山大學
SUN YAT-SEN UNIVERSITY

01

Sun Yat-Sen University (SYSU)



- Founded in 1924 by Dr. Sun Yat-sen, a great national hero and pioneer of China's democratic revolution
- Three campuses across the Guangdong-Hong Kong-Macao Greater Bay Area: Guangzhou, Zhuhai, Shenzhen
- Comprehensive discipline framework: arts, sciences, medicine, engineering, and agriculture
- A national leader in international collaboration and a premier center for talent development in South China
- Consistently ranked among the top 100 globally (ARWU #65, U.S. News #85)



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02

School of Physics, SYSU

- Physics department founded in 1924 — a century of heritage
- Renamed School of Physics in December 2015
- Top in the Ministry of Education's 5th round discipline evaluation
- ESI ranking: Top 1‰ globally (84th worldwide, as of May 2026)
- Strong in: Particle physics, Theoretical physics, Condensed matter physics, Optics, Soft matter physics ...





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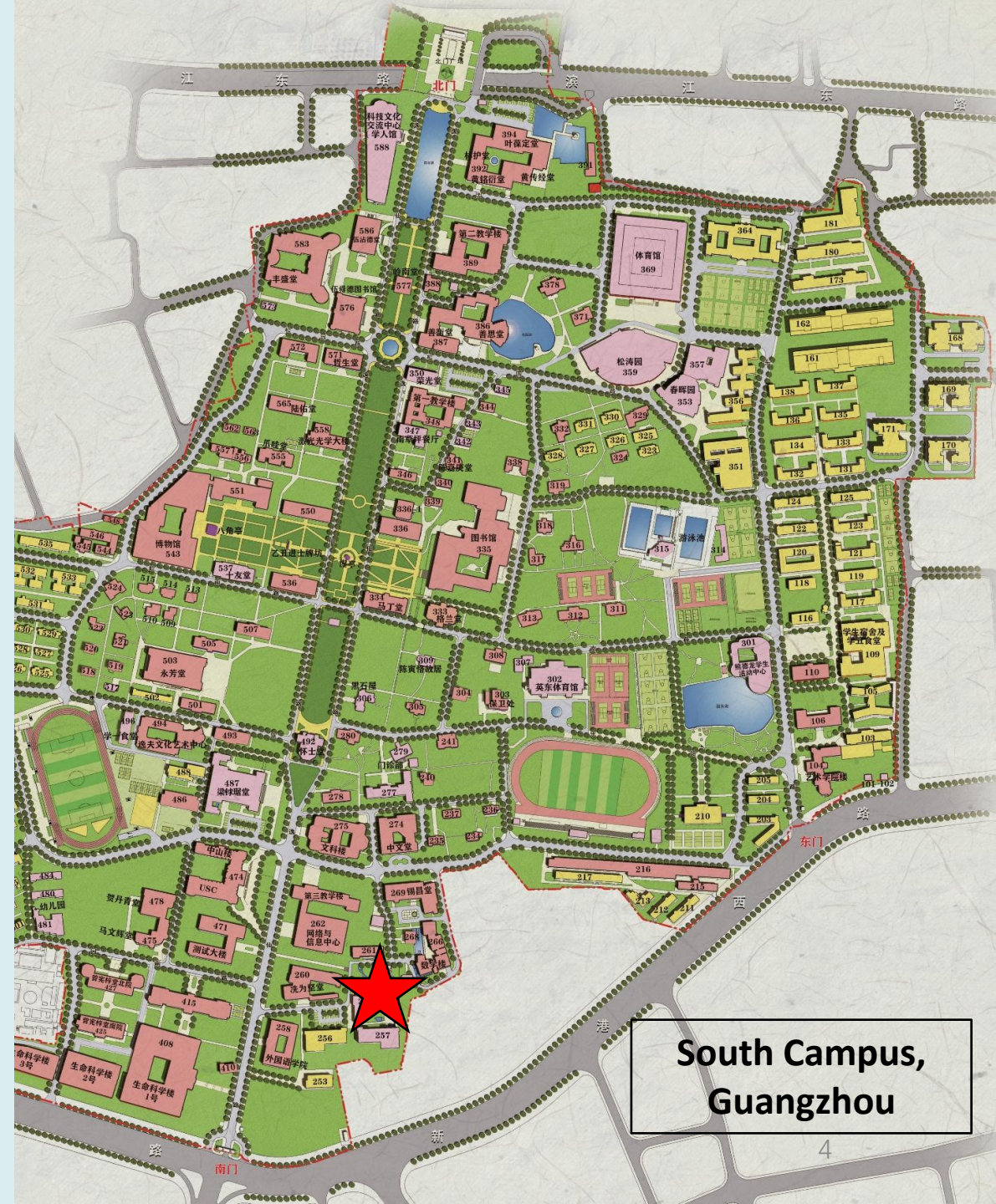
Key Campus Locations

03

Zijingyuan Hotel (紫荆园宾馆)

Accommodation for foreign students.

Front desk: 86-020-84111888



South Campus,
Guangzhou



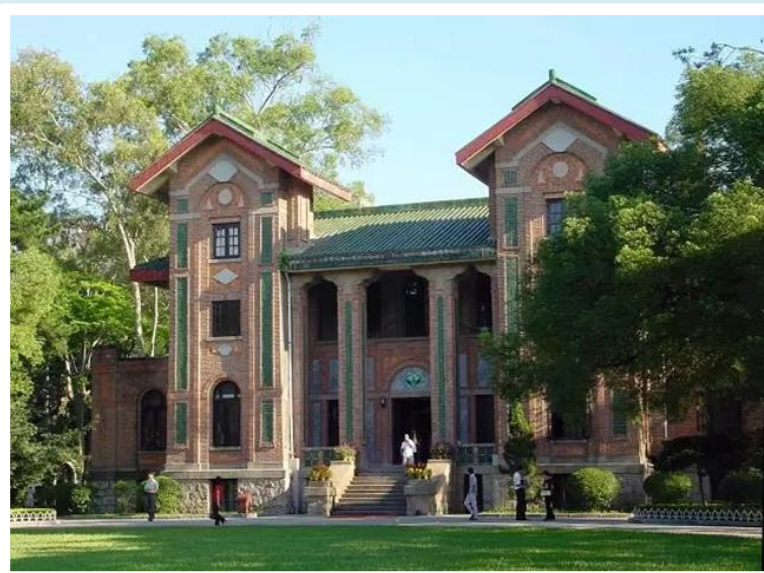
中山大學
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Key Campus Locations

03

Huaishi Hall (怀士堂)

Opening ceremony venue



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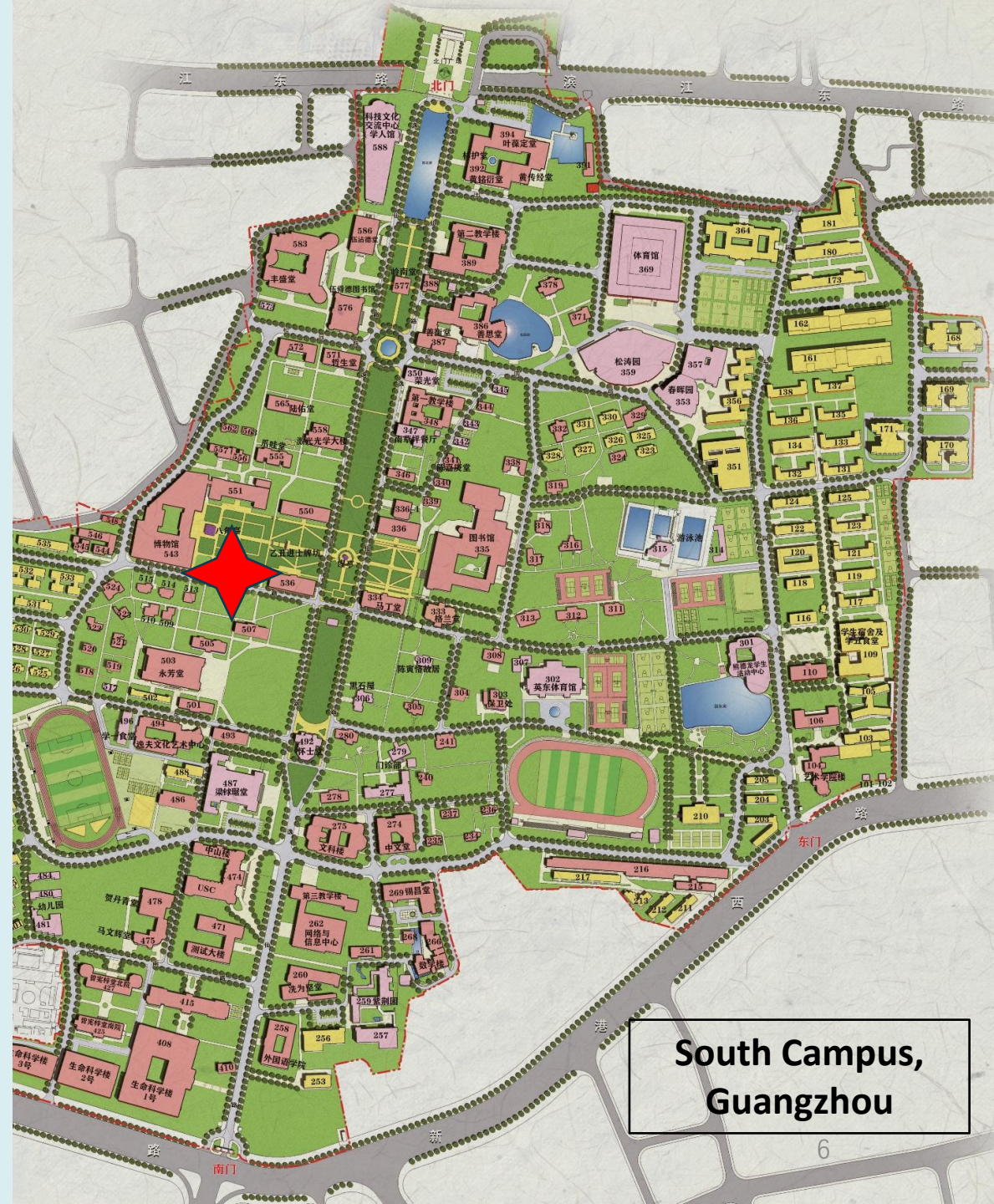
Key Campus Locations

03

Ten Alumni Hall (十友堂)

Main lecture venue:

3rd Floor, Room 300



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Guangzhou



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Key Campus Locations

03

Xueyi Cafeteria (学一食堂)

Dining venue, offering breakfast and main meal



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Key Campus Locations

03

Chunhui Yuan (春晖园)

Dining venue, offering main meal

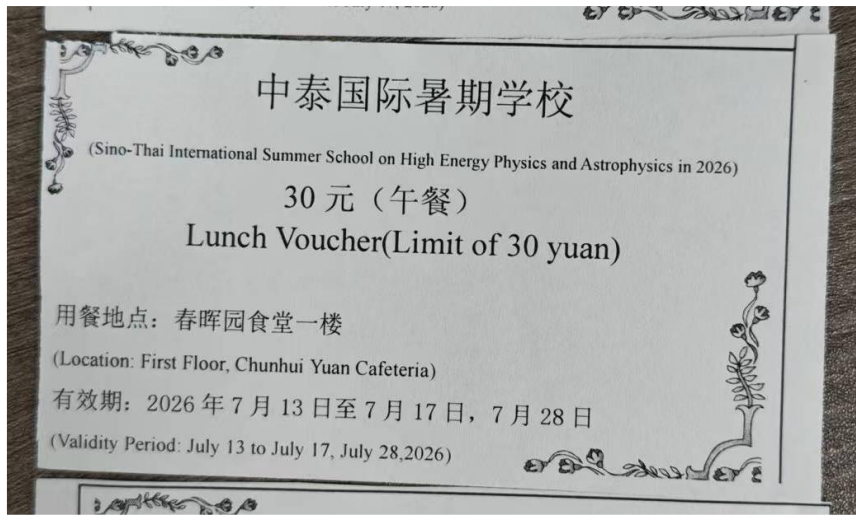


South Campus,
Guangzhou



04

Usage of Cafeteria Voucher



- Meals are served with the meal voucher for that specific day and meal (breakfast / lunch / dinner)
- The time and place are indicated on each voucher — please bring your voucher to the designated cafeteria
- During the Ruyuan trip (July 19–25), meals are provided at the hotel (set menu). No voucher needed for those days
- On rest days (July 18, July 26), meals need to be arranged on your own



04

Usage of Cafeteria Voucher

Wide selection of dishes!



Shot in Chunhui Yuan



Shot in Xueyi Cafeteria

Schedule at a Glance

05

July 12	July 13 - 17	July 18	July 19 - 25	July 26	July 27	July 28 - 29
Registration	➤ Opening Ceremony ➤ Physics Lectures ➤ Hands-on cosmic-ray muon detector lab	Rest	Trip to Ruyuan (TSC) — Training & Sharing & Cultural exchange	Rest	One Day Trip to the China Spallation Neutron Source (CSNS)	Summary & Departure

- **A welcome dinner** for all teachers and students will be hosted at Kangle Yuan (2nd Floor) on the evening of **July 13**.
- **Every evening**, SYSU volunteer students might organize **social activities**: night cruise at Pearl River, Canton tower, Table games, Karaoke, City tour.....Please think about it and discuss with them. Enjoy it at Guangzhou!!!
- On July 19, we will have a bus tip to Ruyuan county (about 2.5 – 3 hours). Please get ready with your luggage in time.



06

About Ruyuan

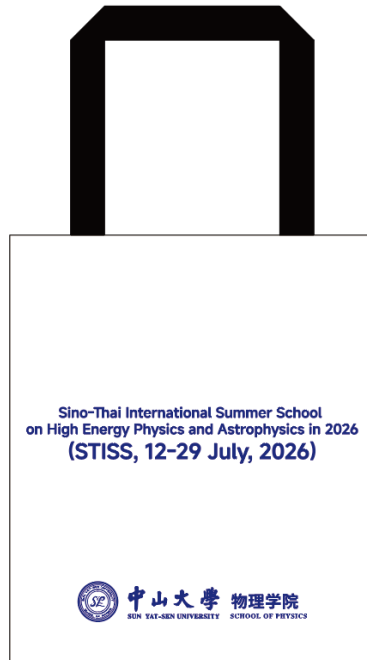


- Located in Shaoguan City, northern Guangdong Province
- Over 850 years of history (established in 1167, Song Dynasty)
- Rich cultural blend: Yao culture, Hakka culture, and revolutionary red culture
- National & provincial intangible cultural heritage: Panwang Festival, Yao embroidery
- Natural attractions: Nanling National Forest Park, Ruyuan Grand Canyon, Shikengkong (the highest peak in Guangdong, 1,902 m)



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Staff in the school bag 07



Notebook & ballpen



Coffee cup with logo



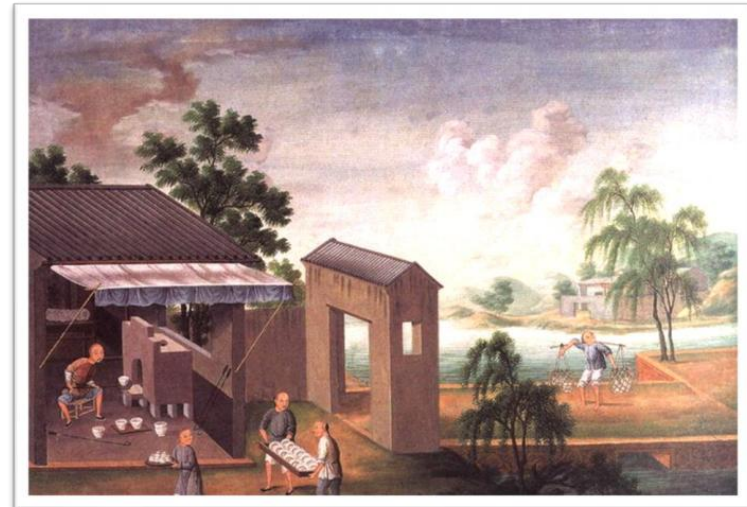
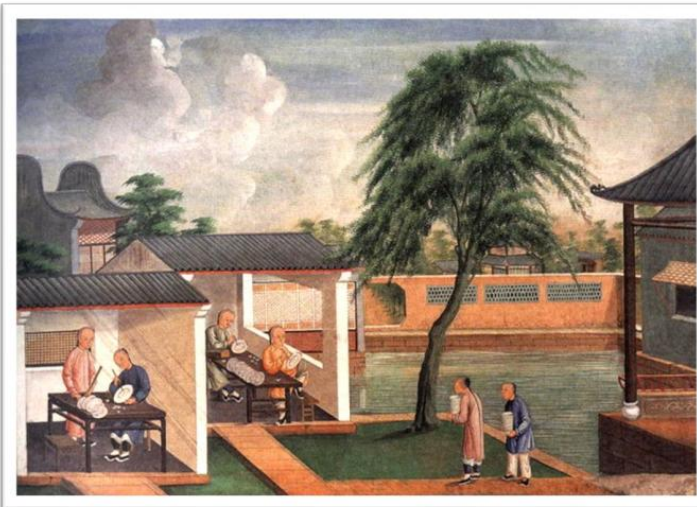
Guangzhou Colored Porcelain
Guangcai (广州彩瓷)



Guangcai (Canton Porcelain)

07

- Guangcai (广州彩瓷, Guangzhou Colored Porcelain) is a national-level intangible cultural heritage of China, with over 300 years of history
- Starting from Guangzhou, Guangcai spread worldwide along the Maritime Silk Road; collected in major museums and royal palaces across Europe and America
- Guangcai is famous for its brilliant colors, meticulous composition, and fine craftsmanship. Often described as *"using colored brushes as needles and pigments as threads, weaving spring flowers onto silver porcelain."*





Thanks



Yuanyuan Long (龙媛媛), Conference Secretary: [19397924237](tel:19397924237) / longyy26@mail.sysu.edu.cn

Jian Tang (唐健): tangjian5@mail.sysu.edu.cn

Volunteer students in the team: **Zikun Hong, Guanwen Luo, Zhichao Wang, Jiaxian Xie, Ruofei Zhou**

| **2026** | **SYSU** |