

The 28th Lepton Photon at SYSU in Guangzhou, China

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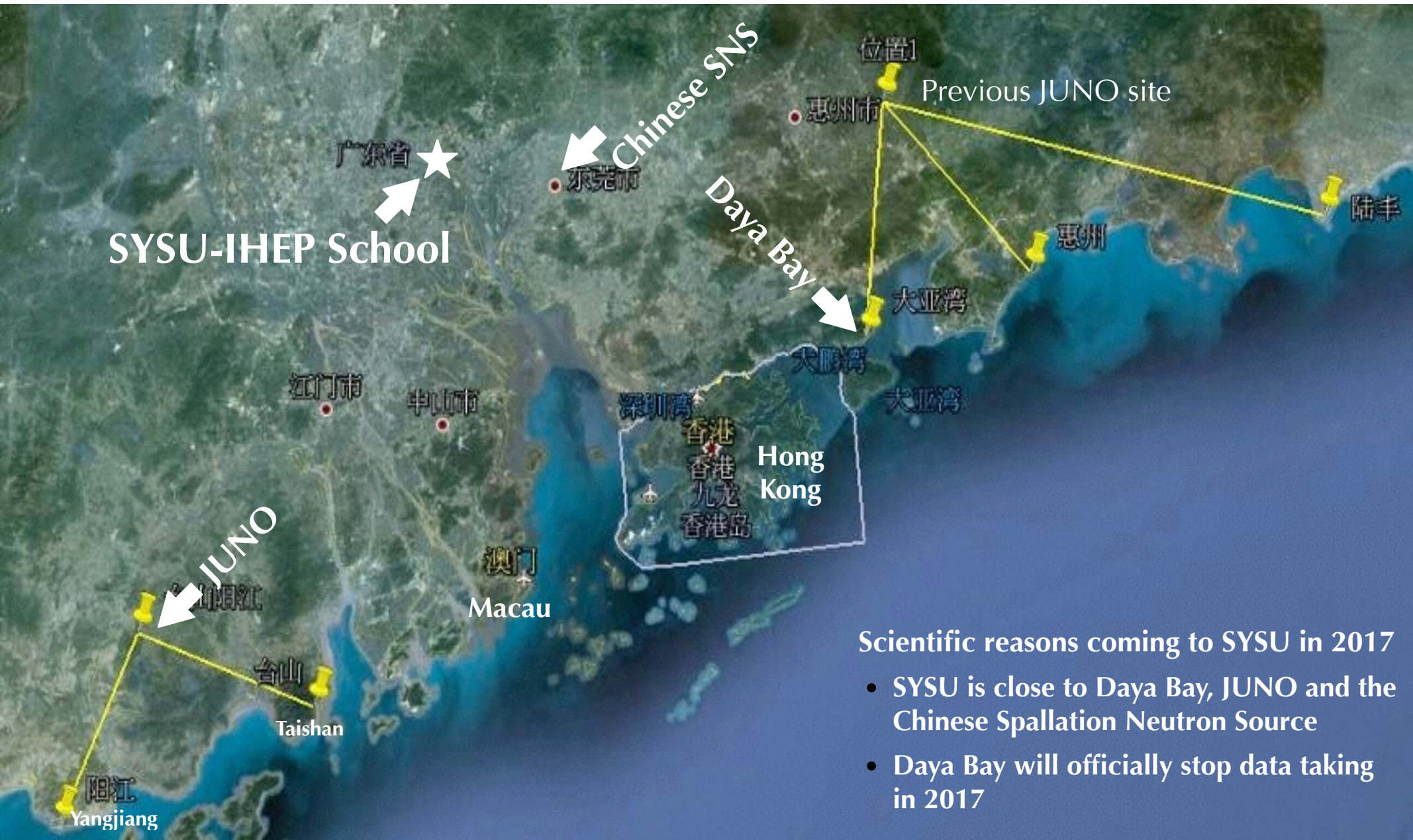


The SYSU-IHEP School of HEP



- The joint **School** is founded with help from IHEP China, to build a place in South China to promote HEP locally, nationally and internationally
- SYSU has currently a strong physics program already, School of Physics and Engineering (SPE). HEP school professors are currently jointly appointed by SPE. Students are shared. All efforts have been poured in to help promote HEP
- Hosting the 28th Lepton Photon conference would help us greatly in the promotion. We will do our best to offer a great conference

Come to SYSU for Lepton Photon 2017!



Scientific reasons coming to SYSU in 2017

- SYSU is close to Daya Bay, JUNO and the Chinese Spallation Neutron Source
- Daya Bay will officially stop data taking in 2017

Location and Connections of Guangzhou



- Guangzhou is located in South China, neighboring to Hong Kong and Macau, ~2-3 hours by car or by train
- A city full of history
- A city among the first ones opened to the West



- Direct flights from major European airports
- 3.5-hour flight between Beijing/Shanghai and Guangzhou every hour
- Frequent direct flights/buses with Hong Kong Airport
- Frequent fast trains between Guangzhou and Luohu Station (the border station where Hong Kong metro meets the Shenzhen one)

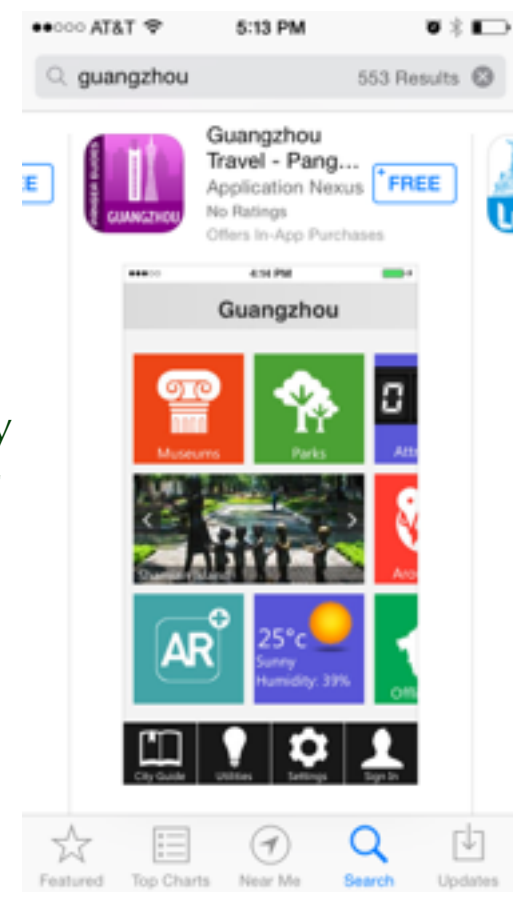
More about Guangzhou and the Pearl River Delta



- A city among waters in a sub-tropical region, average temperature June 27.8/82, July 28.9/84, August 28.8/83.8

- The oldest open port in South China. The city has rich history and is also highly international. It is famous for Chinese and fusion food, including dim-sum.

- One of the most popular tourist destinations. Great public transportation system. (Search your iPhone AppStore)





A Brief Introduction to the University

SYSU: Sun Yat-Sen University, Guangzhou, China

- Funded by Dr. Sun Yat-Sen, the founder of the Republic of China, in Guangzhou in 1924
- It has 4 campuses, South Campus (the main campus), North Campus, East Campus and Zhuhai City Campus. And the South Campus is the most beautiful one, where physics department and the HEP school are hosted
- Undergraduate students ~32,000; graduate students ~20,000; faculty members (associate professors and up) ~4,000



More Selected Views of the Campus

A huge on-campus lawn



A outdoor cafe behind trees



A popular wedding photo destination



A mix of modern and history



On-campus Venue 1: Main Venue

- **Leung Kau Kui Tong** (Liangqiuju Hall, on campus)
 - Main hall can host ~1,400 people; A few smaller rooms which can host ~40-50 people for registration, business center, IT supports and committee meetings etc



On Campus Venue 2: Poster and Coffee Breaks



Back of the building



Front of the building

- The historical Huaishi Hall can host ~250 participants comfortably
- A very elegant red brick building mixes Chinese and western elements built at the beginning of the 20th century, where Dr. Sun Yat-Sen addressed the public in 1920's. One of the most popular meeting venues
- Adjacent to the Liangqiuju Hall

Room and Board Resources on and around SYSU



Affordable Lodging

- Two on-campus business hotels which cost ~ \$50-\$60, Zijing Yuan and Ronguang Hall, which are less than 1km from our two venues
- A few business hotels around the campus, roughly the typical U.S. motel level but surrounded by convenient stores and restaurants (I have tried myself). They are all within walking distance

Upscale lodging

- Two existing 4-star river view hotels right outside the north entrance besides the Pearl River (Zhujiang River). Walking distance, ~1.5km and ~2km, ~\$100-\$120/night for single (one full or queen size bed), double (a nationwide standard, 2 single beds) and suites
- A on-campus at the north entrance 4-star hotel is being finished. It will become available before 2017. Current price for 5-star hotels in Guangzhou is ~\$150-\$200/night



Current Status/Plans

- Venue:
 - Will make sure we book the two halls first
- Lunch
 - Buffet style: open one cafeteria if >300; or one of the on-campus restaurants if ~200
- Dinner
 - On ones' own: A few on-campus cafes; Three very nice and large on-campus cantonese restaurants; one fusion/western food restaurant; Plenty eateries and restaurants right outside the campus within walking distances. There is one McDonald and two Starbucks stores near the SYSU entrances if you really miss them
- Banquet
 - A restaurant besides the Pearl River, right outside of the north gate of the campus. Investigating other options
- Lodging
 - Two on-campus business style hotels, ~\$50-\$60/night for a single (queen size) or double (two twin size beds) room
 - One 4-star hotel, \$80-\$120/night for various rooms: singles, doubles and suites
 - Two 4-star hotels off-campus near the north gate
- Excursion options
 - Scientific + a touch of local history: Daya Bay + CSNS + Dapeng Castle (outside of Daya Bay)
 - Theme park: Changlong
 - Nature: Zhaoqing
 - Urban attractions in Guangzhou: plenty





Conference Date Choices and Program (Preliminary)

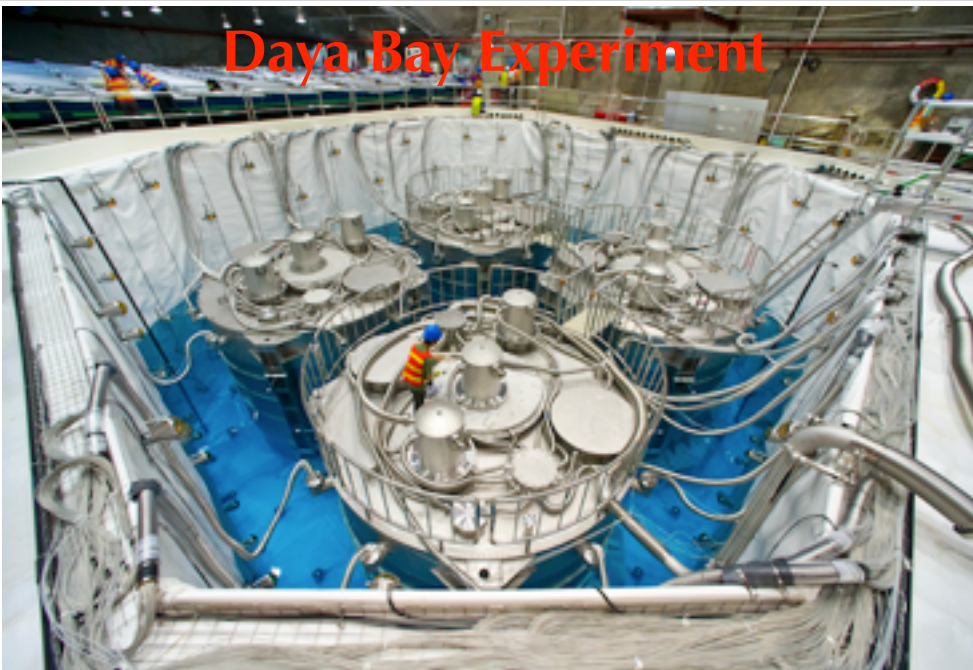
- Considering the Summer holiday patterns in the U.S. and Europe, we have the following choices:
 - End of May and beginning of June, May 28 - June 3, 2017
 - End of July and beginning of August like what Lepton Photon generally do
 - July 30 - Aug 5, 2017
 - **Aug 6 - Aug 12, 2017**
 - Aug 13 - Aug 19, 2017
- Program planning (total conference time 4.5 days based on 2013)
 - A reception party in the evening (Sunday evening) before the first day of the conference
 - **Monday**: full day conference, an evening poster reception. Posters can be set up any time after arrival.
 - **Tuesday**: full day conferences.
 - **Wednesday**: optional guided excursions
 - **Thursday**: full day conference and conference banquet (dinner speaker)
 - **Friday**: full day conference and public lecture
 - **Saturday**: half day conference



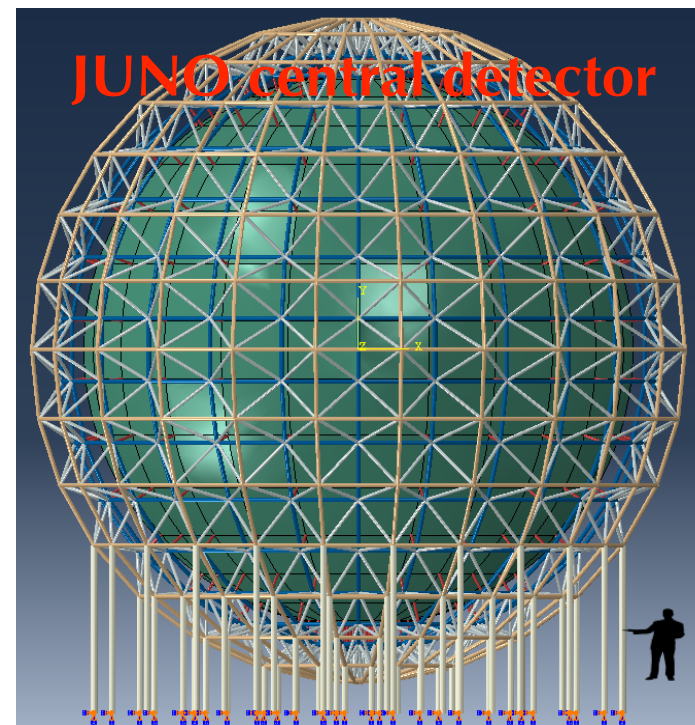
Organizing Committee

- Local organizing committee
 - Wei Wang (SYSU faculty on Daya Bay)
 - Zhi-Bing Li, Jiajie Ling, Jian Tang, Zhengyun You, Hong-Hao Zhang (SYSU faculties)
 - Zhi-Zhong Xing (Joint faculty of IHEP and SYSU)
- Advisory committee
 - Yifang Wang (IHEP professor)
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- Logistics/Travel supports
 - A very experienced supporting team from the university and the physics department including secretaries and technicians who has helped many domestic and international conferences/workshops. **IHEP will also send a team.**
 - University IT department
 - Student volunteer system of SYSU to provide conference helpers, personal escorts and guides
 - Of course, postdocs and graduate students
- Registration fees (include 2 receptions, daily coffee breaks) are estimated to be
 - Students: \$250
 - Others: \$500

A Few Words on Our Major Experimental Activities



- Our seed experiment is the Daya Bay reactor neutrino experiment
- The school will focus on the Daya Bay continue running, data analysis and JUNO central detector design and construction in the next few years
 - Faculty members are also on LBNE and PROSPECT
- In addition, we will also join the studies on future HEP facilities in China.



Selected Activities in Guangzhou — The City



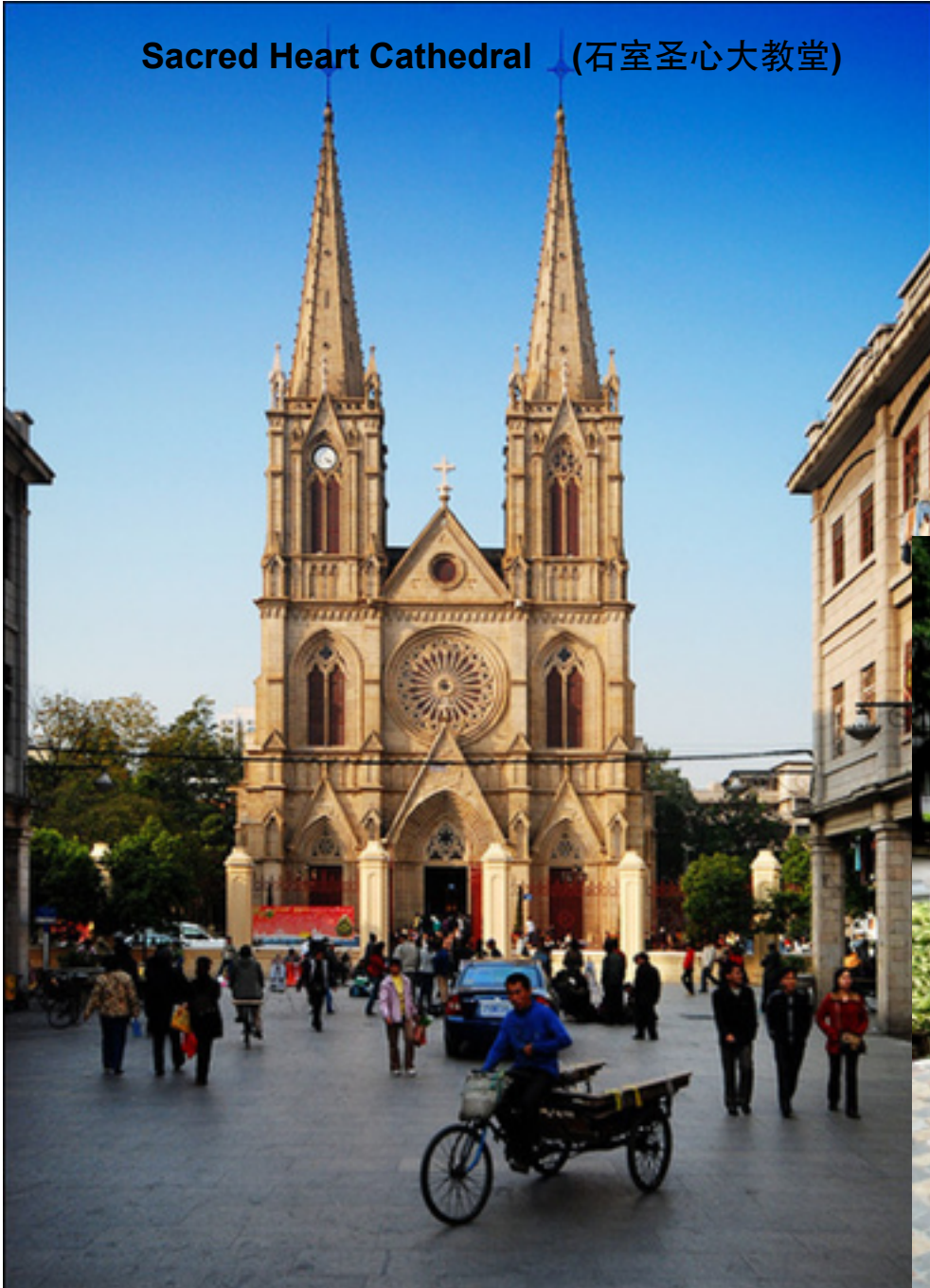
Selected Activities in Guangzhou — History and Culture



Ancestral Temple of the Chen Family (Chen Clan Academy) (陈家祠)

Selected Activities in Guangzhou — West Meets East

Sacred Heart Cathedral (石室圣心大教堂)

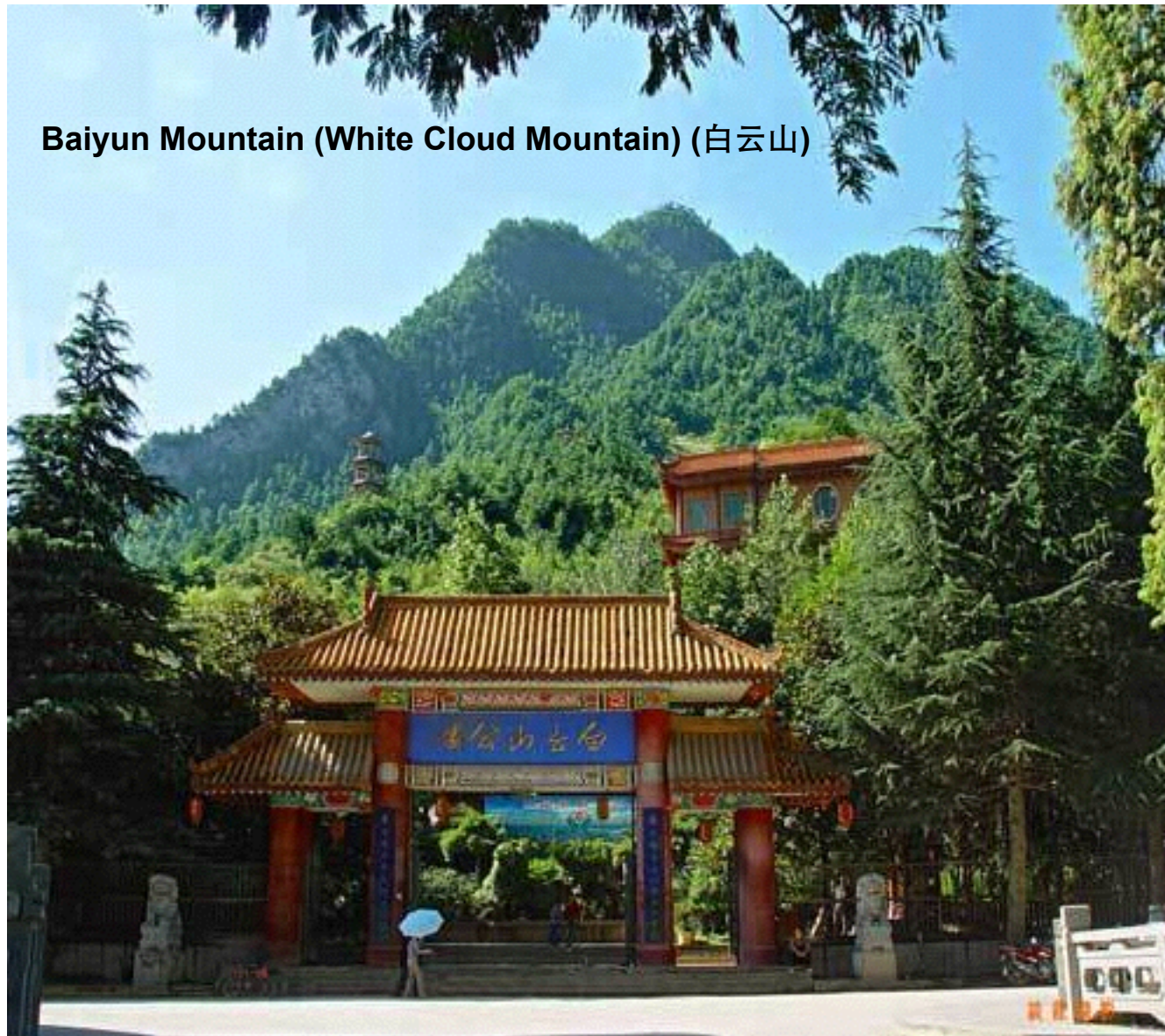


Selected Activities in Guangzhou — Parks

Yuexiu Park (越秀公园)



Selected Activities in Guangzhou — Nature



Selected Activities in Guangzhou — Nightlife @ Beer Street



The Brewery Chimney



Pearl River Beer Culture District



Beer Museum

