



5.6 Technical Tours (pre-booking required)

Yangshan Deep Water Port 洋山深水港

Nanhui Luchaogang Southeast Qiqu Archipelago (approx. 100KM from Tongji University)
14 July 2016 | 13:00-18:30. Please gather at 1F Zonghe Building, at least 20mins before the departure time.

Yangshan Deep Water Port, located in Shanghai China, ranks as the largest cargo port in the world. Yangshan port is a new port in Hangzhou Bay south of Shanghai. Built to circumvent growth limitations for the Port of Shanghai as a result of shallow waters, it allows berths with depths of up to 15 metres to be built, and is capable of handling the largest container ships today. The port achieves this by building on the offshore islands of Greater and Lesser Yangshan (part of the Zhoushan archipelago), which have been amalgamated by land reclamation and connected to the mainland via the Donghai Bridge, the latter of which was opened on 1 December 2005 as the second-longest ocean bridge in the world at 32.5 km in length. (Hangzhou Bay Bridge in China is the longest sea-crossing bridge in the world at 36 km in length) (Shuttle bus return)

Chongming-Qidong Yangtze River Highway Bridge 崇明长江隧桥

Approx. 50KM from Tongji University
14 July 2016 | 13:00-18:30. Please gather at 1F Zonghe Building, at least 20mins before the departure time.

Shanghai Yangtze River Bridge crosses Changxing Island at ground level and Chongming Island, ending at Chenjia Town. It consists of two long viaducts with the total length of 10.33 miles, of which 4.13 miles is road and 6.20 miles is bridge. The bridge has three road lanes in each direction, optimally designed for an average speed of 62 mph. The central cable-stayed span is about 2,395 feet long, the longest of any bridge in Shanghai, and the fifth longest in the world. The bridge is also famous for the characteristics of its combination of both highway transportation and rail transportation. (Shuttle bus return)

Transportation Research Base (Jiading Campus) 同济大学交通研究基地 (嘉定校区)

4800 Cao'an highway, Jiading District
14 July 2016 | 13:00-18:30. Please gather at 1F Zonghe Building, at least 20mins before the departure time.

As the most comprehensive College integrated with all related disciplines in the field of land transport in China, the College of Transportation Engineering of Tongji University consists of five departments and the Key Laboratory of the Ministry of Education, Traffic and Transportation Industry Collaborative Innovation Platform, Engineering Research Centers of the Ministry of Education and other institutions. The College presently has more than 160 faculty/staff, among them there are 42 professors and 52 associate professors, 72 doctoral supervisors. The College has the National Key Primary Discipline of Traffic and Transportation Engineering and possesses the doctorate awarding authority and post-doctoral research station of the primary discipline.



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Nowadays, the College has formed “comprehensive, international, sustainable” discipline features. Its related achievements have greatly supported the healthy development of the national economy, which makes it have significant impacts on the international society. (Shuttle bus return)

Shanghai Metro Operation and Management Center (City Center) 上海轨道交通运营管理

222 Hengtong Road, Jing'an District

15 July 2016 | 08:30-11:00. Please gather at 1F Zonghe Building, at least 20mins before the departure time.

Shanghai Metro Operation and Management Center is a wholly owned subsidiary of Shanghai Shentong Metro Group Co., Ltd. As a functional department, it bears the responsibilities of operation and management. The operation and management center was established in February 2009. It has overall responsibilities for the metro network operation organization, coordination, emergency management and quality management of operation. (No shuttle bus return)

Shanghai Hongqiao Comprehensive Transportation Hub 上海虹桥交通枢纽

Approx. 25KM from Tongji University

15 July 2016 | 08:30-11:00. Please gather at 1F Zonghe Building, at least 20mins before the departure time.

As the biggest of its kind in the whole world, Shanghai Hongqiao Comprehensive Transportation Hub is a large-scale transportation hub integrating airport, high-speed rail, inter-city railway, subway, long distance passenger transportation and city bus. One of the busiest areas with the most complicated interchange routes at the Hub, the East Traffic Square connects with the West Terminal of Hongqiao Airport on the east, with high-speed rail on the west, and with two large interior car-parks on the north and south. The underground space of the square includes subway, long distance passenger transportation and city public transportation. The many uneven latticed structures composed of the custom-made triangle ceiling panels by Hunter Douglas largely increase the 3D feeling of the ceiling and create more interesting and varied lighting effects, which will help relieve passengers' fatigue when they are transferring among different transportation tools. (No shuttle bus return)

Shanghai Traffic Control Center 上海道路交通控制中心 (City Center)

1009 Changping Road, Jing'an District

15 July 2016 | 08:30-11:00. Please gather at 1F Zonghe Building, at least 20mins before the departure time.

Shanghai Traffic Control Center is a platform for traffic distribution. The staff supervise the city traffic system through real-time data from the front end, and solve the traffic problems (traffic accidents and congestion). It is formed by traffic signal control system, video monitoring system, data collection system, regional traffic control system, traffic guidance system, GIS, GPS for vehicle positioning and a display system. Shanghai Traffic Control Center bears the task of control,



coordination and supervision of most of the signal intersection in the central area of Shanghai.(No shuttle bus return)

Urban Barrier - Free Facilities 上海无障碍设施 (City Center)

City bus and metro system

15 July 2016 | 08:30-11:00. Please gather at 1F Zonghe Building, at least 20mins before the departure time.

Barrier-free design reflects the universal respect for all members of society and full intimate to the human life. Urban barrier-free facilities of Shanghai are at a higher level in China. According to Shanghai barrier-free design specification, there are 25 kinds of barrier-free facilities which must be used in corresponding place. (No shuttle bus return)

Shanghai Metro Museum 上海地铁博物馆

No. 1779 Wuzhong Road

15 July 2016 | 08:30-11:00. Please gather at 1F Zonghe Building, at least 20mins before the departure time.

The Shanghai Metro Museum is located near Ziteng Lu metro station. That's largely uncharted waters, where they have landmarks you've never heard of, beyond the point where Line 10 splits and most trains head off to the Hongqiao transport hub. Don't do that. Take the southern branch towards Hanzhong Lu. You'll find the 3,000 square meter museum built high over some non-metro train tracks, and surrounded by cranes aggressively advancing retail's front line.

You wouldn't think a museum devoted to Shanghai's municipal rail system would be necessary, but here it is. 3000 square meters full of dioramas, interactive displays, simulators, and 5D cinemas all explaining and extolling the virtues of the Shanghai Metro. (No shuttle bus return)

Jing'an Temple 静安寺 (City Center)

1686 West Nanjing Road, Jing'an District

15 July 2016 | 08:30-11:00. Please gather at 1F Zonghe Building, at least 20mins before the departure time.

Jing'an Si is a Buddhist temple on the West Nanjing Road in Shanghai, China. Jing'an District is named after the temple. The temple sits on top of the Jing'an Temple Station, a major hub of the Shanghai Metro network where Line 2 and Line 7 intersect. (No shuttle bus return)

Minhang District Bicycle Rental Service System 闵行公共自行车服务

15 July 2016 | 08:30-11:00. Please gather at 1F Zonghe Building, at least 20mins before the departure time.

Minhang District public bicycle service project advocates green travel and assists the public with short distance travel between the rail transit and bus station and residential area, commercial buildings, hospitals and schools. Distance: approx.25km from Tongji University. (No shuttle bus return)



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