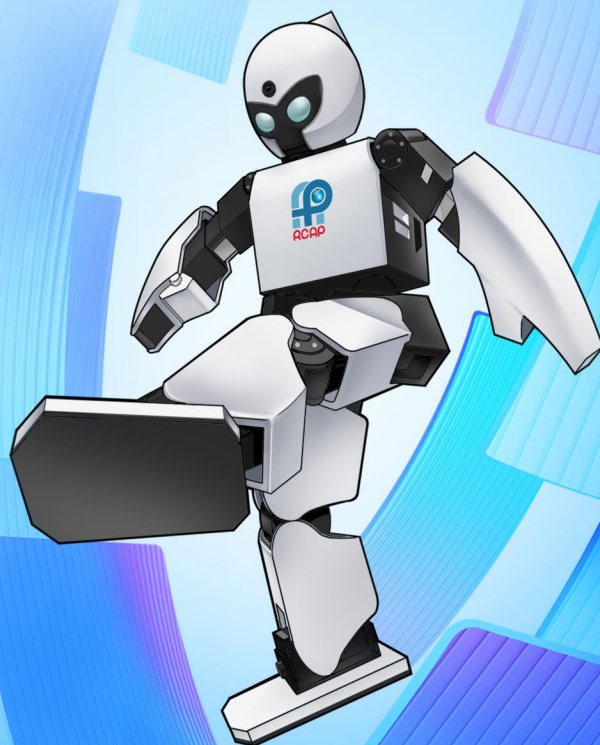




# 2024 ROBOCUP ASIA-PACIFIC

October 24th - 27th 2024 Qingdao China

## Newsletter





Dear RoboCuppers,

We are very excited to host RoboCup Asia-Pacific (RACP) 2024 in Qingdao, China. This will be the world's first RoboCup to be held at a film studio, pioneering a new model of cross-industry collaboration between robotics & AI technology and the film industry. This event is expected to attract nearly 200 teams from more than 20 countries and regions worldwide with a focus on humanoid robot competition. Leading robotics companies like Fourier Intelligence, Booster Robotics, and Unitree will showcase their latest humanoid robots.

We understand that you are likely busy planning and preparing your robotic innovations. We hope this newsletter provides all the necessary information to help you plan your stay and participation in RCAP 2024. We look forward to welcoming you and having you experience both the event and the dynamic spirit of our city. The local Robotics & AI community is excitedly awaiting the arrival of each talented participant.

## 1. The Venue - China Movie Metropolis

Located in the Qingdao West Coast New District, the China Movie Metropolis was completed and inaugurated in April 2018. This expansive facility, certified by Pinewood Studios and designed and constructed by the China Radio, Film, and Television Design and Research Institute (DRFT), spans approximately 1.7 million square meters. It features 40 state-of-the-art soundstages, 32 multifunctional setting workshops, an indoor constant temperature underwater stage, extensive outdoor shooting pools, a digital lab for full-process post-production, a large-scale live shooting venue, and an outdoor setting shooting site.

## 2. Fly to Qingdao

An information counter will be available from 23 Oct at the international airport, where our volunteers will be ready to assist you. Please look for our volunteers upon your arrival.



If you will need to bring batteries for your robot, please check with your airline to determine if they will accept lithium ion or lithium metal batteries in their cabin and/or cargo areas. Shippers must conform to IATA regulations.

**Please purchase travel insurance before stating your journey to China.**



### 3. How to Get to Your Hotel

The RCAP 2024 will be hosted at China Movie Metropolis.

Address: No. 1607 Dongyue East Road,  
West Coast New Area, Qingdao City,  
Shandong Province, China

There will be three event official hotels to welcome our guests from around the world.

- Crowne Plaza Qingdao Oriental Movie Metropolis
- Qingdao Oriental Studio Chuangzhi SSW Hotel
- Haiyue Resort Hotel

Transportation service from Qingdao Jiaodong International Airport or Qingdao Railway Station to the event official hotels can be found in Annexe 1.

### 4. Stay in Qingdao

#### 1) Hotel Accommodation

Most of our participants will be staying at the official event hotels. As you prepare for your stay, we would like to inform you about an important aspect of the hotel's check-in process.

Security Deposit at Check-in.

Upon check-in, the hotel will require a refundable security deposit. This deposit is a standard procedure and is used to cover any in-room expenses, such as items from the mini-fridge (where applicable), as well as any incidentals during your stay.

- Amount: The exact amount may vary, but normally we are looking at Chinese Yuan 500 to Chinese Yuan 2000 per room for the duration of your stay.
- Refund Policy: The full deposit will be wholly refunded to you upon checkout, provided there are no additional expenditures charged to your room.
- Payment Method: The deposit is typically held on a credit or debit card. Please ensure you have a suitable payment method available at check-in.

We recommend planning accordingly to ensure a smooth and efficient check-in experience.

#### 2) Electricity

- Voltage: 220V/50HZ
- Standard power plug:

If you need a power extension, an adaptor and a power converter. Please use the safety certified converter. Uncertified converters may cause the power failure.



#### 3) Currency and Payment Method

The standard currency is the Chinese Yuan. Credit cards such as Visa and MasterCard are accepted. Popular mobile payment methods include Alipay and WeChat Pay.



## 5. Registration

### 1) Date & Time

Onsite registration will be conducted at the official hotels according to the following schedule:

Hotel	24 Oct 2024	25 Oct 2024
Haiyue Resort	9:00 – 13:00	9:00 – 14:00
Chuangzhi SSAW	14:00 – 17:00	9:00 – 14:00
Crowne Plaza	19:00 – 21:00	-

If your teams arrive outside the time slots assigned to your hotel, please contact [registration@robocupap.org](mailto:registration@robocupap.org).

### 2) Requirement for registration

- Please bring the following for your onsite registration
  - Passport (International participants)
  - National Identification Card (China participants)
  - Registration confirmation letter (Please notify us if you have not received it).
- All participants including participants, registered mentors, registered parents are required to do onsite registration.

## 6. Competition Schedule

Date	Time	Activities
24 Oct 2024	09:00 – 20:00	Venue Setup
25 Oct 2024	09:00 – 17:30	Team setup, practice and testing (Major Teams)
	13:30 – 17:30	Team setup, practice and testing (Junior Teams)
26 Oct 2024	08:00	Venue open
	09:00 – 09:40	Opening ceremony
	09:50 – 18:00	Competition
	18:00 – 19:00	Social gathering
	19:00	End of day 1
27 Oct 2024	08:00	Venue open
	08:30 – 13:30	Competition
	15:30 – 17:30	Closing and award Ceremony
	17:30	End of event

Notes to all junior teams: – Team leaders must attend the team leader meeting each day. – Lunch break and ending time and for each league could be different. League chairs will inform teams during the team leaders meeting. – Please be punctual for the competition days as the challenge schedule is very tight.



- **Opening Ceremony:**

- Date: 26 Oct 2024
- Time: 09:00 – 09:40
- Venue: Bai Guo Shu Hall

Teachers, Mentors and team members are not involved in competition in the morning are required to attend the opening ceremony.

- **Award Ceremony**

- Date: 27 Oct 2024
- Time: 15:30 – 17:30
- Venue: Bai Guo Shu Hall

- **Social Gathering**

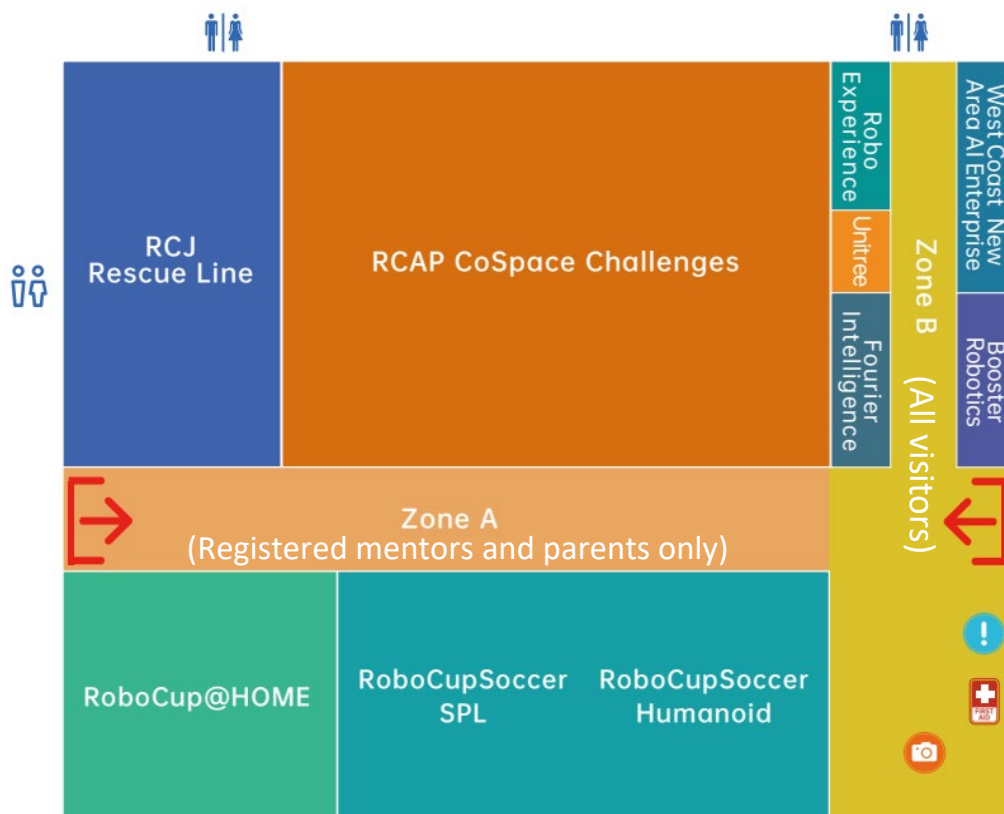
- Date: 26 Oct 2024
- Time: 18:00 – 19:00
- Venue: Competition hall

All participants, registered mentors and parents are welcome to attend the social gathering. It is a wonderful time for you to meet friends from other regions and cultures.

- **The daily schedule will be uploaded on RCAP 2024 website.**

## 7. Competition Venue

The competition will be held in movie studio #35.





## 8. Team Sharing Videos on RCAP Academy YouTube Channel.

It is not necessary for teams to bring physical team poster for RCAP 2024. The selected team-sharing videos will be uploaded on the RCAP Academy YouTube channel (<https://youtube.com/rcapacademy>). Please view, like and share them to support our RoboCup friends.

## 9. Lunch on Competition Days

- The movie studio will prepare lunch bento (Chinese food) for all participants. The cost per pax is about 25 – 30 CNY. You can purchase the lunch coupon during the onsite registration.
- Please pay cash (CNY) if you wish to purchase the lunch coupon.

## 10. Dos and Don'ts

- Participants are responsible for safeguarding their property, including robots, computers, tools, equipment, and personal belongings brought to the event. Teams are strongly advised not to leave any valuable items unattended.
- Teams should take their robots back at the end of each competition day.
- Eating is not permitted in the team and competition areas.
- Please avoid littering. Ensure proper placement of large props and tools, and keep the competition venue clean and tidy.
- Use tools properly. Students must be adequately trained in tool usage.
- In the event of a fire, please exit the venue through the designated safety exits in an orderly manner.
- Avoid short-circuiting and overloading power sockets. Do not plug in faulty equipment.
- Mentors should ensure that teams uphold the proper values and attitudes during RCAP 2024.
- As the competition site is located within an active movie production zone, participants, coaches, mentors, parents, and any other individuals associated with the event are strictly prohibited from wandering outside of the designated competition area. Photography, videography & social media sharing of activities taking place within other movie studios or production sets is not allowed.

See you soon.

RCAP 2024 Organising Committee

Annex 1:

## Public Transportation Services to the RCAP 2024 Official Hotels

We have provided instructions in Chinese in case you need to consult local people for assistance on your way to the hotel.

### To Crowne Plaza Qingdao Oriental Movie Metropolis

青岛东方影都皇冠假日酒店

Address: No. 818 Xinghai Bay Road, Huangdao District, Qingdao City

#### By Taxi

Departure Location	Destination	Travel Time
Airport 机场	About 75.1 km	Approx. 1 hr 6 min.
Qingdao Station 青岛站	About 32.9 km	Approx. 43 min
Qingdao North Station 青岛北站	About 46.7 km	Approx. 1 hr.
Qingdao West Station 青岛西站	About 18.1 km	Approx. 37 min

#### By Public Transportation:

Departure Location	Destination	Travel Time
Airport 机场	<ul style="list-style-type: none"><li>▪ Take Airport Line 5 from Jiaodong International Airport and alight at Mangrove Hotel.</li><li>▪ Walk 193 meters to Bin Hai Xin Cun Road.</li><li>▪ Board Huang Dao 37 Road bus at Bin Hai Xin Cun Road and disembark at Oriental Movie City.</li><li>▪ Walk 2.2 km to the hotel.</li></ul> <p style="text-align: center;">-----</p> <ul style="list-style-type: none"><li>▪ 机场 5 线 (青岛胶东国际机场上车-红树林酒店下车)</li><li>▪ 步行 193 米至滨海新村站</li><li>▪ 黄岛 37 路 (滨海新村站上车-东方影都下车)</li><li>▪ 步行 2.2 公里至酒店</li></ul>	Approx. 2 hrs 26 min

	<ul style="list-style-type: none"> <li>▪ Take Line 8 at Jiaodong International Airport and alight at Qingdao North Railway Station.</li> <li>▪ Transfer to Line 1 at Qingdao North Railway Station and alight at Jing Gang Shan Road.</li> <li>▪ Take the West Coast Line from Jing Gang Shan Road and alight at Chao Yang Shan road.</li> <li>▪ Board Huang Dao 61 Road at Chao Yang Shan subway station and alight at Xing Guang Dao Starting and Ending Stations.</li> <li>▪ Walk 1.1 km to the hotel.</li> </ul> <p style="text-align: center;">-----</p> <ul style="list-style-type: none"> <li>▪ 地铁 8 号线 (胶东机场上车-青岛北站下车)</li> <li>▪ 地铁 1 号线 (青岛北站上车-井冈山路下车)</li> <li>▪ 西海岸快线 (井冈山上车-朝阳山下车 (A 口出) )</li> <li>▪ 黄岛 61 路 (朝阳山地铁站上车-星光岛首末站下车 )</li> <li>▪ 步行 1.1 公里至酒店</li> </ul>	<p>Approx. 2 hrs 44 min</p>
<p>Qingdao North Station 青岛北站</p>	<ul style="list-style-type: none"> <li>▪ Take Line 1 at Qingdao North Railway Station or Qingdao Railway Station and alight at Jing Gang Shan Road.</li> <li>▪ Transfer to the West Coast Line at Jing Gang Shan Road and alight at Chao Yang Shan Road.</li> <li>▪ Board Huang Dao 61 Road at Chao Yang Shan Subway Station and alight at Xing Guang Dao Starting and Ending Stations.</li> <li>▪ Walk 1.1 km to the hotel.</li> </ul> <p style="text-align: center;">-----</p> <ul style="list-style-type: none"> <li>▪ 地铁 1 号线 (青岛北站/青岛站 上车-井冈山路下车)</li> <li>▪ 西海岸快线 (井冈山上车-朝阳山 下车 (A 口出) )</li> <li>▪ 黄岛 61 路 (朝阳山地铁站上车-星光岛首末站下车 )</li> <li>▪ 步行 1.1 公里至酒店</li> </ul>	<p>Approx. 1 hr 57 min</p>
<p>Qingdao West Station 青岛西站</p>	<ul style="list-style-type: none"> <li>▪ Take Huang Dao K19 Road at Qingdao West Station and alight at 5G High-Tech Video Experimental Park.</li> <li>▪ Board Huang Dao 61 Road at 5G High-Tech Video Experimental Park and alight at Xing Guang Dao terminal Stations.</li> <li>▪ Walk 1.1 km to the hotel.</li> </ul> <p style="text-align: center;">-----</p> <ul style="list-style-type: none"> <li>▪ 黄岛 K19 路 (青岛西站上车-5G 高新视频实验园区下车 )</li> <li>▪ 黄岛 61 路 (5G 高新视频实验园区上车-星光岛首末站下车 )</li> <li>▪ 步行 1.1 公里至酒店</li> </ul>	<p>Approx. 1 hr 34 min</p>

**Qingdao Oriental Studio Chuangzhi SSAW Hotel**

青岛东方影创智君亭酒店

Address: No. 2566 Jiaozhou Bay East Road, Huangdao District, Qingdao City

**By Taxi:**

Departure Location	Destination	Travel Time
Airport 机场	About 71.2 km	Approx. 59 min.
Qingdao Station 青岛站	About 32.1 km	Approx. 46 min.
Qingdao North Station 青岛北站	About 58.9 km	Approx. 54 min.
Qingdao West Station 青岛西站	About 14.2 km	Approx. 25 min.

**By Public Transportation:**

Departure Location	Destination	Travel Time
Airport 机场	<ul style="list-style-type: none"><li>▪ Board Airport Line 5 at Jiaodong International Airport and alight at All Season Hotel.</li><li>▪ Walk 332 meters to Ji guan dong bu ban gong zhong xin Road.</li><li>▪ Take the bus on Development Zones 67 Road at Ji guan dong bu ban gong zhong xin Road, and alight at 5G High Tech Video Experimental Park.</li><li>▪ Walk 457 meters to the hotel. -----</li><li>▪ 机场 5 线 (青岛胶东国际机场上车-全季酒店下车)</li><li>▪ 步行 332 米至机关东部办公中心站</li><li>▪ 开发区 67 路 (机关东部办公中心站上车-5G 高新视频实验园区下车)</li><li>▪ 步行 457 米至酒店</li></ul>	Approx. 2 hrs 6 min.

	<ul style="list-style-type: none"> <li>▪ Take Line 8 from Jiaodong International Airport and alight at Qingdao North Railway Station.</li> <li>▪ Switch to Line 1 at Qingdao North Railway Station, and alight at Wang Jia Gang.</li> <li>▪ From Wang Jia Gang, board Line 6 and alight at Zhao Jia Miao (Film Metropolis).</li> <li>▪ Take the Huang Dao 61 Road bus from Zhao Jia Miao (Film Metropolis) subway station to 5G High Tech Video Experimental Park.</li> <li>▪ Walk 457 meters to the hotel.</li> </ul> <p style="text-align: center;">-----</p> <ul style="list-style-type: none"> <li>▪ 地铁 8 号线 (胶东机场上车-青岛北站下车)</li> <li>▪ 地铁 1 号线 (青岛北站上车-王家港下车)</li> <li>▪ 地铁 6 号线 (王家港上车-赵家庙(影视产业园) 下车)</li> <li>▪ 黄岛 61 路 (赵家庙(影视产业园)地铁站上车-5G 高新视频实验园区下车)</li> <li>▪ 步行 457 米至酒店</li> </ul>	<p>Approx. 2 hrs 29 min.</p>
<p>Qingdao North Station 青岛北站</p>	<ul style="list-style-type: none"> <li>▪ Board at Qingdao North Railway Station/Qingdao Railway Station, and alight at Wang jia gang.</li> <li>▪ Take Line 6 at Wang Jia Gang and alight at Zhao Jia Miao (Film Metropolis).</li> <li>▪ Ride Huang Dao 61 Rd bus from Zhao Jia Miao (Film Metropolis) subway station to 5G High Tech Video Experimental Park.</li> <li>▪ Walk 457 meters to the hotel.</li> </ul> <p style="text-align: center;">-----</p> <ul style="list-style-type: none"> <li>▪ 地铁 1 号线 (青岛北站/青岛站 上车-王家港下车)</li> <li>▪ 地铁 6 号线 (王家港上车-赵家庙(影视产业园) )</li> <li>▪ 黄岛 61 路 (赵家庙(影视产业园)地铁站上车-5G 高新视频实验园区下车 )</li> <li>▪ 步行 457 米至酒店</li> </ul>	<p>Approx. 1 hrs 40 min.</p>
<p>Qingdao West Station 青岛西站</p>	<ul style="list-style-type: none"> <li>▪ Board the Huang Dao K19 Rd bus at Qingdao West Station and alight at 5G High Tech Video Experimental Park.</li> <li>▪ Walk 430 meters to the hotel.</li> </ul> <p style="text-align: center;">-----</p> <ul style="list-style-type: none"> <li>▪ 黄岛 K19 路(青岛西站上车-5G 高新视频实验园区下车 )</li> <li>▪ 步行 430 米至酒店</li> </ul>	<p>Approx. 60 min.</p>

## Haiyue Resort Hotel

### 海岳一家度假酒店

Address: Building 11, Zone A2, Wanda Mansion, 2039 Binhai Avenue, Huangdao District, Qingdao City

#### By Taxi:

Departure Location	Destination	Travel Time
Airport 机场	About 73.5 km	Approx. 1hr 2 min.
Qingdao Station 青岛站	About 32.2 km	Approx. 42 min.
Qingdao North Station 青岛北站	About 45.9 km	Approx. 54 min.
Qingdao West Station 青岛西站	About 16.5 km	Approx. 30 min.

#### Via Public Transportation

Departure Location	Destination	Travel Time
Airport 机场	<ul style="list-style-type: none"><li>▪ Board Airport Line 5 at Jiaodong International Airport and alight at Qian Wan Gang Rd.</li><li>▪ Take the Huang dao K22 Rd bus at SAIC GM-Wuling Rd and alight at Chao Yang Shan subway station.</li><li>▪ Walk 323 meters to the hotel.</li></ul> <p>-----</p> <ul style="list-style-type: none"><li>▪ 机场 5 线 (青岛胶东国际机场上车-前湾港路下车)</li><li>▪ 黄岛 K22 路 (上汽通用五菱站上车-朝阳山地铁站下车)</li><li>▪ 步行 323 米至酒店</li></ul>	Approx. 1hr 49 min.
	<ul style="list-style-type: none"><li>▪ Board Line 8 at Jiaodong International Airport and alight at Qingdao North Railway Station.</li><li>▪ Take Line 1 at Qingdao North Railway Station and alight at Jing Gang Shan Rd.</li><li>▪ Ride the West Coast Line from Jing Gang Shan Rd to Chao Yang Shan Rd.</li><li>▪ Walk 154 meters to the hotel.</li></ul>	Approx. 2hr 12 min.

	<p>-----</p> <ul style="list-style-type: none"> <li>▪ 地铁 8 号线 (胶东机场上车-青岛北站下车)</li> <li>▪ 地铁 1 号线 (青岛北站上车-井冈山路下车)</li> <li>▪ 西海岸快线 (井冈山上车-朝阳山下车)</li> <li>▪ 步行 154 米至酒店</li> </ul>	
<p>Qingdao North Station</p> <p>青岛北站</p>	<ul style="list-style-type: none"> <li>▪ Board Line 1 at Qingdao North Railway Station/Qingdao Railway Station and alight at Jing Gang Shan Rd.</li> <li>▪ Take the West Coast Line at Jing Gang Shan Rd and disembark at Chao Yang Shan Rd.</li> <li>▪ Walk 154 meters to the hotel.</li> </ul> <p>-----</p> <ul style="list-style-type: none"> <li>▪ 地铁 1 号线 (青岛北站/青岛站上车-井冈山路下车)</li> <li>▪ 西海岸快线 (井冈山上车-朝阳山下车)</li> <li>▪ 步行 154 米至酒店</li> </ul>	<p>Approx. 1 hr 23 min.</p>
<p>Qingdao West Station</p> <p>青岛西站</p>	<ul style="list-style-type: none"> <li>▪ Board Huangdao 806 Rd at Qingdao West Station and alight at Chaoyangshan Subway Station.</li> <li>▪ Walk 333 meters to the hotel.</li> </ul> <p>-----</p> <ul style="list-style-type: none"> <li>▪ 黄岛 806 路 (青岛西站上车-朝阳山地铁站下车)</li> <li>▪ 步行 333 米至酒店</li> </ul>	<p>Approx. 1 hr 9 min.</p>

### **Public Transportation Service Time**

- Airport Line 5: Operating hours 10:00 – 23:30
- Metro Line 1: Operating hours 05:50 – 23:34
- Metro Line 6: Operating hours 06:00 – 22:17
- Metro Line 8: Operating hours 06:00 – 22:36
- The West Coast Line: Operating hours 06:10 – 22:58
- Huang Dao 37 Rd: Operating hours 05:50 – 21:00
- Huang Dao 61 Rd: Operating hours 05: 50 – 22:40
- Huang Dao K19 Rd: Operating hours 06:00 – 22:00
- Development Zones 67 Rd: Operating hours 05:50 – 21:00
- Huang Dao K22 Rd: Operating hours 05:30 – 20:30
- Huang Dao 806 Rd: Operating hours 05: 50 – 22:00



**东方影都创智君亭酒店 Qingdao Oriental studio Chuangzhi SSWA Hotel**  
黄岛区胶州湾东路 2566 号创智产业园东门  
No 2566 Jiaozhouwan East Road, Huangdao District

**东方影都 China Movie Metropolis**  
地址：青州市黄岛区东岳东路 1607 号  
No 1607 Dongyue East Road, West Coast New Area, Qingdao City

**海岳一家度假酒店 (东方影都店) Haiyue Yijia Resort**  
黄岛区滨海大道 2039 号东方影都融创公馆 A2 区 11 号 1 层  
1<sup>st</sup> Floor, Building 11, A2 Area, Rongchuang Mansion.  
2039 Binhai Avenue, Huangdao District

**皇冠假日酒店**  
**Crowne Plaza Qingdao Oriental Movie Metropolis**  
黄岛星海湾路 818 号  
No 818 Xing Hai Wan Road, Huangdao district.