



# 11<sup>th</sup> International Olympiad on Astronomy and Astrophysics (IOAA) 2017

## November 12 – 21, 2017

November 6, 2017

### THIRD (LAST) CIRCULAR

#### 11<sup>th</sup> International Olympiad on Astronomy and Astrophysics

Phuket, Thailand, November 12-21, 2017

Dear Participants

With just a week left for departure, you must be keenly waiting for the start of competition. We hope that your preparations for travel to Thailand are well on track. We are also looking forward to welcoming you here in Phuket. Just before you pack your bags, here are some information items, which you will find useful:

#### Arrival and Departure Information

We expect that travel information for all the participants was already updated in the registration system. The transportation from the airport to the venue will be arranged based on information in the system.

We expect all teams to arrive by air at Phuket International Airport (airport code: HKT) and depart from the same after the event. The airport pick up will be provided to all participants from Phuket International Airport to our designated accommodation venues. Teams arriving before November 12, 2017 will also be provided.

Drop-off at the airport will also be provided for teams departing on November 21, 2017. Teams departing after November 21, 2017 should make their own arrangement to the airport.

At the airport, please look for IOAA volunteers with a placard. In case you don't see them, please be patient and wait for a few minutes. Our volunteers will have a travel schedule for all teams and they will find you. Our volunteer will take and gather you to Gate 6 of entrance gate. Your team will be taken a group photo over there. Contestants and leaders will be separated at the airport itself and taken to different places for accommodation. Therefore, please segregate your luggage accordingly.

#### Participation fee

We would like to remind observers that they will have to pay a participation fee of 1000 USD per person. We prefer that you pay the fee through bank transfer. Our bank details are as follows:

|                |   |
|----------------|---|
| Account Name   | : POSN Foundation   |
| Address        | : Chemical Science Building, 1st floor,<br>Faculty of Science, Chulalongkorn University,<br>254 Pathumwan, Bangkok, Thailand. 10330 |
| Account Number | : 009-253551-6  |
| Bank Name      | : Siam Commercial Bank, Bangkok Branch.   |
| Bank Address   | : 801 Sukhumwit Soi 45 Sukhumwit (45) Road,<br>Khlong Toei Nue Sub District, Watthana District, Bangkok<br>10110 THAILAND           |
| Swift Code     | : SICOTHBK  |

---

Faculty of Science and Technology, Prince of Songkla University  
181 Charoenpradit Road, Rusamilae, Mueang, Pattani Province 94000  
Tel: +66-73-331303 ☛ Fax: +66-73-335130 ☛ E-mail: ioaa2017@posn.or.th  
<https://ioaa2017.posn.or.th> ☛ <https://www.facebook.com/ioaa2017>



# 11<sup>th</sup> International Olympiad on Astronomy and Astrophysics (IOAA) 2017

## November 12 – 21, 2017

---

### **Thai Immigration Formalities**

On arrival in Thailand, you will be required to fill a small form for Immigration Purpose. It will ask for your contact address and phone number during your stay in Thailand.

Team leader may write the address as “Phuket Marriott Resort & Spa Merlin Beach, 99 Muen-Ngoen Road, Tri-Trang Beach, Patong, Phuket 83150”.

Students may write this address as “Duangjitt Resort & Spa, 18 Prachanukroh Road, Kathu, Phuket 83150”.

For contact number, you may give phone number of Assoc. Prof. Dr. Sukree Hajisamae (+66)0810965814.

Please note that we already contacted and informed Thai Immigration at Suvarnabhumi International Airport and Phuket International Airport about your arrival. In the case of participants who have not obtained Thai visa to enter Thailand, some countries whose citizens are eligible to obtain visa on arrival can access its counter in the airport.

Participants from the continents of Africa and South America require clearance regarding International Health Certificate for Yellow Fever Vaccination. Please refer to the website given below for information: <http://www.mfa.go.th/main/en/services/4908/15384-List-of-countries-which-require-International-Heal.html>

### **Thai Currency**

Thai Baht (THB) is the official currency. The standard symbol is ฿. You will find coins of denomination ฿1, ฿2, ฿5, and ฿10 as well as currency notes of denomination ฿20, ฿50, ฿100, ฿500 and ฿1000. However, Major credit cards are accepted by hotels, large shops and restaurants.

Currency exchange counters are very common in major cities in Thailand. It is advisable that you exchange currency at the airport.

### **Flags**

Countries will be provided with flags for opening ceremony team parade.

### **Power, Telephone and Internet**

Voltage in Thailand is 220V at 50Hz. Electric sockets accept two round pins or perpendicular flat pins plugs. Appliances designed to operate on 110/120V need a voltage converter and a plug adapter. Also, devices with other types of plugs may require travel adapter.

### **Leaders and Observers**

WiFi-based internet connection will be available at the Leaders’ hotel, free of cost. This will be available in the rooms and common spaces of the hotel. During the International Board meeting (IBM), only two leaders can access WiFi within IBM room. Leaders are strongly



# 11<sup>th</sup> International Olympiad on Astronomy and Astrophysics (IOAA) 2017

## November 12 – 21, 2017

---

advised to bring their own respective language fonts and translating software, if any, on their own laptops.

### Contestants

As per the standard practice in IOAA, contestants are not allowed to communicate with the outside world and, in particular, the leaders, observers and visitors during the period starting from the first International Board meeting till the completion of the last examination. Therefore, the contestants will be required to deposit with the organizers their mobile phones, laptops, tablet PCs, and any other communication device on the evening of November 13, after the opening ceremony. These will be returned to them on the evening of November 18. Failure to voluntarily deposit any such device may lead to disqualification of the contestant from the competition. In case of emergencies, the contestants should contact their respective student guides who will inform the appropriate authorities to enable communication with the leaders, if necessary.

### **Ceremonies**

The opening ceremony will be presided over by H.R.H. Princess Maha Chakri Sirindhorn on November 13, 2017. All participants must wear a respectful, formal dress and formal shoes. Sandals, flip-flops and T-shirts will not be allowed. All participants must take seats inside the hall well before the start of the ceremony. The procedures will also be instructed before the ceremony.

On November 18, 2017, there will be a cultural night on the beach in the evening where participants can perform any of traditional dance or act. The traditional act of each country will be performed only 3 minutes. Please inform the student guides if the performance's equipments are required.

Now, just a reminder of a few things mentioned on previous circular,

### **Accommodation**

All participants will be accommodated in the following hotels:

➤ **Team Leaders and Observers**

**Phuket Marriott Resort & Spa Merlin Beach**

99 Muen-Ngoen Road, Tri-Trang Beach, Patong, Phuket 83150 Thailand

<http://www.marriott.com/hotels/travel/hktmb-phuket-marriott-resort-and-spa-merlin-beach/>

➤ **Students**

**Duangjitt Resort & Spa**

18 Prachanukroh Road, Kathu, Phuket 83150 Thailand

<http://duangjittresort-spa.com/>



# 11<sup>th</sup> International Olympiad on Astronomy and Astrophysics (IOAA) 2017 November 12 – 21, 2017

---

## List of Participating Countries

|                |            |             |                      |
|----------------|------------|-------------|----------------------|
| Armenia        | Georgia    | Mali        | Slovakia             |
| Bangladesh     | Greece     | Mexico      | Slovenia             |
| Belarus        | Hungary    | Nepal       | South Korea          |
| Brazil         | India      | Pakistan    | Sri Lanka            |
| Bulgaria       | Indonesia  | Philippines | Thailand             |
| Canada         | Iran       | Poland      | USA                  |
| China          | Jordan     | Portugal    | Ukraine              |
| Colombia       | Kazakhstan | Qatar       | United Arab Emirates |
| Croatia        | Kyrgyzstan | Romania     | United Kingdom       |
| Cyprus         | Laos       | Russia      | Vietnam              |
| Czech Republic | Lithuania  | Serbia      |                      |
| Estonia        | Malaysia   | Singapore   |                      |

## Academic Details

### Telescopes

IOAA 2017 observational examination will involve a use of a 250mm f/5.0 10" Dobsonian Reflector Telescope and a 150mm f/12 4" Refractor Telescope. Pictures of the telescopes were put up on IOAA 2017 website.

### Calculators and Stationary

All contestants will be provided a basis stationary on the desk as well as the calculator, **CASIO fx350MS**.

### Information and Contact

Circulars and all relevant information are out up on our website at <https://ioaa2017.posn.or.th> which will be updated regularly.

For more information or queries, please contact at [ioaa2017@posn.or.th](mailto:ioaa2017@posn.or.th).

Sincerely yours,

Assoc. Prof. Dr. SukreeHajisamae  
Dean, Faculty of Science and Technology  
Prince of Songkla University, Pattani Campus  
IOAA2017 Organizer

## 10" Dobsonian Reflector Telescope



|                         |   |                    |
|-------------------------|---|--------------------|
| Optical design          | : | Reflector          |
| Optical diameter        | : | 250 mm             |
| Focal length            | : | 1250mm             |
| Focal ratio             | : | f/5.0              |
| Optics type             | : | Parabolic          |
| Eyepieces               | : | Plossl 12.5mm 25mm |
| Magnification           | : | 100x, 50x          |
| with included eyepieces | : |                    |
| Resolving power         | : | 0.46 arc seconds   |
| Finder scope            | : | 8x50               |
| Mount type              | : | Dobsonian          |

## 4" Refractor Telescope



|                         |   |                         |
|-------------------------|---|-------------------------|
| Optical design          | : | Achromatic Refractor    |
| Optical diameter        | : | 102 mm                  |
| Focal length            | : | 1200mm                  |
| Focal ratio             | : | f/12                    |
| Type of coating         | : | Multi coated            |
| Eyepieces               | : | Plossl 12.5mm 25mm      |
| Diagonal mirror         | : | 31.7mm (1.25")          |
| Magnification           | : | 96 x 48x                |
| with included eyepieces | : |                         |
| Resolving power         | : | 1.35 arc seconds        |
| Finder scope            | : | 8x50                    |
| Mount type              | : | German/Equatorial Mount |
| Fine movements          | : | Manual (RA and DEC)     |