

SECOND ANNOUNCEMENT

Dear International Board Members of IOAA,
Dear Colleagues, and Dear Friends,

First, we would like to know if all of you have received the Invitation Letter. Please inform us in case you have not received it so that we can forward it again. Please, write to ioaa2024@on.br.

Thank you for pre-registering for the 17th International Olympiad on Astronomy and Astrophysics - IOAA 2024 - to be held in Brazil, in the cities of Vassouras and Barra do Pirai, State of Rio de Janeiro.

The registration form must be completed separately for each participant (leader #1, leader #2, observers) as, for legal reasons, they must individually consent to the data protection clauses. The team leader should be responsible for completing their students' applications, as well. In case there is any additional information that is not included in the form, please write in the Additional Information blank.

Please fill out the form as soon as possible but **no later than June 15th**.

[Link for registration form](#) (*this link is available only to leaders who have pre-registered*)

If you do not yet have all the team members selected, complete the form for the ones you have (e.g. team leaders) and inform which date you will finish the selection in the Additional Information blank and we will leave the forms open till this date so that you can complete it with the remaining names.

Very important: if you pre-registered but already know that you will be unable to participate, or unable to participate with a full team, please tell us immediately. There is a short waiting list of participants who could not pre-register, and we would like to re-allocate those places to them.

All participants must contract travel health insurance to cover eventual accidents or health problems while in Brazil. We should have a copy by e-mail (ioaa2024@on.br) **by June 30th**, with the subject: "Health Insurance and the name of your country". (e.g. Health Insurance - Poland)



MINISTÉRIO DA
CIÊNCIA, TECNOLOGIA
E INOVAÇÃO



Payment Data for Observers

Following the last IBM meeting of IOAA 2023, it was agreed that the fee for each Observer is 1,600 EUROS.

Deadline: June 15th

Please use the information below to wire transfer the payment and send us the receipt with the identification of the Observer to ioaa2024@on.br

ACCOUNT HOLDER: FUNDAÇÃO DE APOIO E DESENVOLVIMENTO DA COMPUTAÇÃO CIENTÍFICA - FACC

BANK NUMBER: 2234-9

ACCOUNT: 31841-8

IBAN: BR5000000000022340000318418C1

SWIFT: BRASBRRJCTA

Travel and Accommodation

Arrival/check-in is planned for 17 August and check-out/departure is on 27 August, we will provide full accommodation for all participants in the event hotels from 17 to 27 August.

We will arrange transport from Rio de Janeiro airports - Santos Dumont Airport (SDU) and International Airport (GIG) to the hotels appropriately for each of your arrival times. Also, for departure, we will take you to the airport at the appropriate time.

The **Opening Ceremony** will be at **10 am on the 18th of August**, and the **Closing Ceremony** will be on the afternoon of **26 August at 1 pm**. Both Ceremonies will be broadcast on YouTube so all parents and friends can follow in their home countries.

Rio de Janeiro sightseeing

In case you want to tour Rio de Janeiro before August 17th or after the 27th, and if you need a local tourist guide, we will indicate local guides and travel agencies through links on our website. Please note that all Rio de Janeiro activities during this period should be covered at your own cost, and the transportation to and from the hotels in Vassouras will be from and to the two airports in Rio de Janeiro on the dates informed above.

Food preferences

We will not be able to provide authentic halal or kosher meals. However, we will have vegetarian and pork-free meals as well as standard meals.

If you have any special medical condition or restriction you may indicate it on the registration form.

Poster Competition

The future of humanity depends on a radical behavior change, as the Earth will not be able to sustain the increasing consumption of its natural resources for long.

Furthermore, current ecological and health issues are also worrying, such as deforestation, fires, global warming, pollution, urban waste, loss of biodiversity, and increasingly scarce access to drinking water.

Many initiatives are underway around the world to reduce these impacts and we want to know what your countries' projects are in favor of Nature and global sustainability.”

Join our global poster contest and showcase your country's initiatives to protect the environment while celebrating the wonders of the universe!

Teams should prepare a poster - in English, **one poster per team**. We will print the posters and arrange their display for the other participants and the public, and two winners will be selected in a vote by the other teams and separately by the public.

Please prepare your posters to fit within 49cm (width) x 74cm (height), save it as a PDF, PNG, or CorelDraw file and send it to us. We will print it locally (no need to bring a paper version). The size is ISO A1 minus 10cm and will allow us to print A1 posters with a border for logos and information.

Deadline for sending the posters file: **July 20th** (ioaa2024@on.br)

Calculators and Telescopes

All necessary tools will be provided by the Organization.

The calculator and telescope manuals for the observation round will soon be available also on the page <http://www.ioaa2024.on.br>

The CASIO Standard Scientific Calculator model **fx-82LA CW** will be provided to all competing students, as shown in the following image.



Standard Scientific Calculator

https://www.casio.com/content/dam/casio/global/support/manuals/calculators/pdf/004-en/f/fx-82CW_85CW_350CW_EN.pdf

https://support.casio.com/global/en/calc/manual/fx-82CW_85CW_350CW_en/

The following telescope will be used during the observation round: **The Galileoscope**



Specifications

- Objective Diameter: 50 mm (2 in)
- Objective Focal Length: 500 mm (f/10)
- Eyepiece Focal Length: 20 mm
- Magnification: 25x (50x with Barlow)
- Field of View: 1 1/2° (3/4° with Barlow)
- Eyepiece Eye Relief: 16 mm (22 mm with Barlow)
- Eyepiece Barrel Diameter: 1 1/4 in (31 3/4 mm)

To learn more about this scope, visit: <https://galileoscope.org/assembly-instructions/>

Important

The assembly of the Galileoscopes will be the Organization's responsibility.

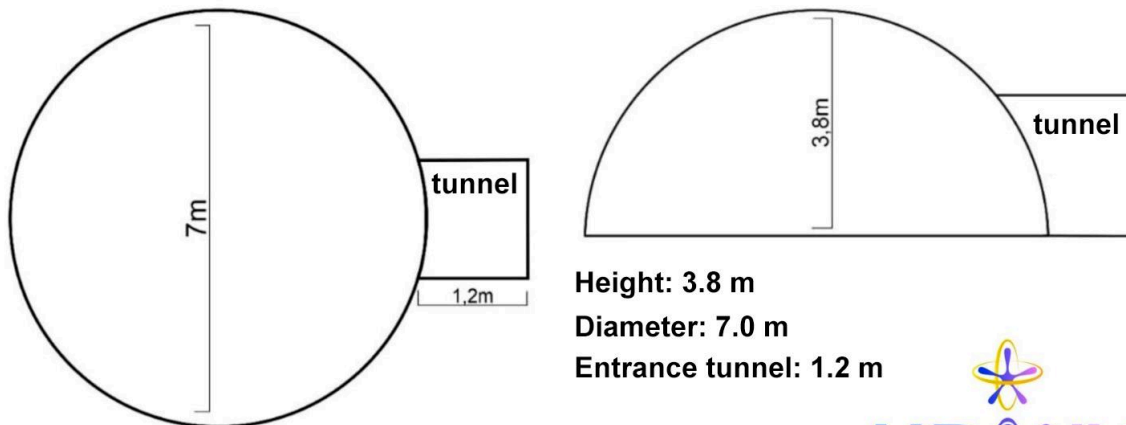
The Galileoscopes will be used in an altazimuth astronomical mount with graduated scales. No special software or other equipment will be required.

Planetarium Round

The following planetarium will be used during the planetarium round: **Mobile Digital Planetariums Urânia**



Urania Planetariums



Height: 3.8 m
 Diameter: 7.0 m
 Entrance tunnel: 1.2 m



- Three Mobile Digital Planetariums Urânia will be used (Complete planetarium with full-dome laser projection system, 7000 lumens, 4k resolution).
- The estimated time for each group to enter and exit the planetarium is 30 minutes.
- Total estimated time for the planetarium exam: 3 hours.

IBM questions, discussions, and translations

We will be using the **OlyExams** workflow developed for IPhO and used by IOAA in Poland in 2023. This will centralize the translation and printing of the tasks. OlyExams uses basic LaTeX formatting so please be familiar with how that works. Team leaders will need to have at least one laptop with them for translation tasks. You may check on <https://oly-exams.org/>.

Students Devices

Following the statutes, the students will be asked to hand over their internet-connectable devices (laptops, phones, etc.) to their team leaders after the opening ceremony and will get them back after the last exam session.

Students found with an unauthorized device, or found in any other way to be attempting to communicate about the tasks with team leaders or third parties, will be liable to be disqualified pending a decision by the LOC and IOAA EC.

Please inform us in advance if a participant requires any electronic medical devices.

Diseases Prevention

Remember: all participants should have their travel health insurance.

There are currently no restrictions related to COVID-19 for travelers to Brazil.

Dengue fever is under control in the State of Rio de Janeiro, and there is no need for concern. **Anyway, we strongly advise the use of insect repellent.**

Although it is not mandatory in Brazil, vaccination against yellow fever is recommended for all travelers, both foreign and Brazilian, at least ten days before the trip. The vaccine provides effective immunity within 10 days for 80–100% of people vaccinated, and within 30 days for more than 99% of people vaccinated.

Source: <https://www.who.int/news-room/fact-sheets/detail/yellow-fever>

Visa Requirements

Brazil has adopted a policy of reciprocity regarding visas. This means that nationals of countries that require visas for Brazilian citizens will need a visa to travel to Brazil.

Please request a visa at your local Brazilian embassy or consulate as soon as possible. We will provide an official invitation letter, if necessary. Demands of official invitation letters are arranged by emailing ioaa2024@on.br.

<https://www.gov.br/mre/pt-br/assuntos/portal-consular/QGRVsimplesing16FEB24.pdf>

<https://www.gov.br/mre/pt-br/consulado-amsterda/vistos/visa-application-process/visa-application-process>

Opening and Closing Ceremonies

The Opening and Closing Ceremonies will be live streamed, and broadcast on YouTube, links will be provided closer to the event.

Further information will be provided on the 17th IOAA website <http://www.ioaa2024.on.br/>.
The contact email address is ioaa2024@on.br

Dress Code: business casual attire, uniforms, or traditional attire from the countries.

On behalf of the organizing Committee of the 17th IOAA, we wish you a successful registration!

Best Regards

Josina Nascimento

Local Committee Coordinator