

WELCOME REMARKS

Dr Sayed Yusoff Syed Hussain
Deputy Director Training
&
Research Division





13th REGIONAL CONGRESS Search for SEAMEO Young Scientists

*"Youth for One Health through
STEM Innovations"*

10 – 14 June 2024
SEAMEO RECSAM
PENANG, MALAYSIA

SSYS 2024 Briefing Session



UPDATES FROM SSYS SECRETARIAT



13th REGIONAL CONGRESS SSYS

“Youth for One Health through STEM Innovations”



- Total **116** teams will take part in the competition
- About **500 participants** including students, teachers and observers
- **Judges, Speakers** and **Workshop Facilitators**
- **Countries:** Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Philippines, Singapore & Thailand



WIFI ID AND PASSWORD

ID: SEAMEORECSAM

PW: seameo1234

**PPT slides can download from SSYS website.
Just Scan the QR code**

Day 1: 10th June 2024 (Monday)

| Day/Time | 8:00 – 10:30 am | 10:30 – 11:00 am | 11:00 – 1:00 pm | 1:00 – 2:00 pm | 2:00 – 5:00 pm | 4:30 pm |
|-------------------------------------|---|-------------------|---|-------------------|-------------------------------|-------------------|
| 10 th June 2024 (Monday) | 8:00 - 9:00 am Registration (venue: RECSAM Concourse) 9:00 am – 10:00 am Welcome Remarks & Secretariat Briefing 10:00 am – 10:30 am Science Show Group Photo | Tea Break | Setup of Project Exhibits (Various Rooms) | LUNCH | Judging of Project Exhibits I | Tea Break |
| Venue | <i>RECSAM Hall</i> | <i>Tea Garden</i> | <i>Thailand Room 1 & 2, Penang Room 1&2, Vietnam, Singapore, Brunei</i> | <i>Tea Garden</i> | <i>Thailand Room 1</i> | <i>Tea Garden</i> |

Day 2: 11th June 2024 (Tuesday)

| Day/Time | 8:30 – 10:30 am | 10:30 – 11:00 am | 11:00 – 1:00 pm | 1:00 – 2:00 pm | 2:00 – 5:00 pm | 4:30 pm |
|---|--|-----------------------|---------------------------------------|-----------------------|--|-----------------------|
| 11 th June 2024 (Tuesday) | Judging of Project Exhibits II | Tea Break | Judging of Project Exhibits III | LUNCH | Judging of Project Exhibits IV | Tea Break |
| <i>Venue</i> | Thailand Room 2 | <i>Tea Garden</i> | Penang Room 1 | <i>Tea Garden</i> | Vietnam, Singapore, Brunei Rooms | <i>Tea Garden</i> |
| Workshops | 9:30 am – 12:00 pm For Teachers (Science Lab 2) For Students (SEAMEO Hall & Maker Space) | | | LUNCH | 2:30 – 4:30 pm For Teachers (Science Lab 2) For Students (SEAMEO Hall & Maker Space) | |

Day 3: 12th June 2024 (Wednesday)

| Day/Time | 8:30 – 10:30 am | 10:30 – 11:00 am | 11:00 – 1:00 pm | 1:00 – 2:30 pm | 2:30 – 4:30 pm | 4:30 pm | 7:00 – 10:30 pm |
|--|---|------------------|-----------------|----------------|-----------------------------|------------|-------------------------|
| 12 th June 2024 (Wednesday) | Judging of Project Exhibits V | Tea Break | - | LUNCH | Educational Game (Students) | Tea Break | Congress Dinner |
| Venue | Penang Room 2 | Tea Garden | | Tea Garden | SEAMEO Hall | Tea Garden | The TOP, Komtar, Penang |
| Workshops | 9:30 am – 12:00 pm For Teachers (Science Lab 2) For Students (SEAMEO Hall, Maths Lab 2 & Maker Space) | | | LUNCH | - | | |

Day 4: 13th June 2024 (Thursday)

| Day/Time | 8:30 – 10:30 am | 10:30 – 11:00 am | 11:00 – 1:00 pm | 1:00 – 2:30 pm | 2:30 – 5:00 pm | 5.00 pm |
|--|--|-------------------|---------------------|-------------------|-----------------------------|-------------------|
| 13 th June 2024 (Thursday) | Public Visit | Tea Break | Public Visit | LUNCH | Award Presentation Ceremony | Refreshment |
| <i>Venue</i> | <i>Thailand Room 1 & 2, Penang Room 1&2, Vietnam, Singapore, Brunei</i> | <i>Tea Garden</i> | | <i>Tea Garden</i> | <i>RECSAM Hall</i> | <i>Tea Garden</i> |
| Career Talk | 9:00 am – 12:00 pm For Students (SEAMEO Hall) Speakers from TechDome, Intel & AI Labs | | | | | |

Day 5: 13th June 2024 (Friday)

| Day/Time | 8:30 – 10:30 am | 10:30 – 11:00 am | 11:00 – 1:00 pm | 1:00 – 2:30 pm | 2:30 – 5:00 pm | 5.00 pm |
|--|---|---------------------|--------------------|---|-------------------|---------|
| 14 th June 2024 (Friday) | 8:00 am - 12:00 pm Penang Island Tour - 3 places with entrance fee (Entopia, Penang Hill, TechDome) - 3 places without entrance fee (Street Art and Chowrasta Market, Gurney Plaza & Gurney Park, Botanical Gardens) | | | HOME SWEET HOME  | | |



JUDGING OF PROJECT EXHIBITS



Project Exhibit Setup

1

Designated Time

Participants are given a specific time window from 11:00 AM to 1:00 PM to set up their project exhibits. This ensures a fair and organized process for all participants.

2

Assigned Locations

Each project has a designated table and room allocated for its exhibit. Participants must not change or move their assigned locations, and must leave the provided labels on their tables.

3

Locked Rooms

After 1:00 PM, all rooms for the project exhibits will be locked and will only be opened according to the judging schedule. Participants cannot make any changes to their exhibits after this time.

Competition Rules



1 Registration

All presenters participating in the competition must be registered in advance.

2 Waiting Room

Presenters must be in the designated waiting room (Malaya and Sarawak rooms) 30 minutes before their judging session begins.

3 Judging Room Entry

Presenters whose projects will be judged will be escorted to the judging room by the person in charge **5 minutes earlier**.

4 Judging Room Entry

Presenters will only be allowed to enter the room as instructed by the person in charge. **No advisors /teachers are permitted** to be waiting outside the judging room.

Competition Rules



5 Judging Room Entry

Only 1- 4 presenters (for each project) are allowed to present their projects accordingly.

7 Judging Room Entry

Presenters who have finished their judging process **MUST** leave the room **immediately**.

6 Judging Room Entry

No one else is allowed to wait outside the judging room when the judging process is going on except for those presenters who will be judged next.

8 Disqualification

NO keeping of materials/dismantling of booth by presenters who have completed their judging is allowed when the judging process is ongoing.

Competition Rules

9 Disqualification



- Limited to a 20-minute duration, and the next 5 minutes is for the Q&A session, a total of 25 minutes.
 - Presenters must adhere strictly to this time limit to allow for a well-organized congress.
 - An alarm signal will be used by the time-keepers;
- Ø At the 20-minute mark, the timekeepers will sound the alarm to let the presenter/judges know that time is up.
- Ø The next 5 minutes are for Q&A session.

10 Disqualification

Presenters who do not comply with the SSYS 2024 Competition RULES and do not appear in the judging room as requested before the judging process begins will be automatically **DISQUALIFIED**.

Judging Process



1

Waiting Room

Presenters must gather in the designated waiting room 30 minutes before their judging session.

2

Escort to Judging Room

Presenters will be escorted to the judging room 5 minutes before their session by the person in charge.

3

Presentation

Only the registered presenters (1-4 per project) are allowed to enter the judging room and present their projects.

4

Exit

After the judging process, presenters must immediately leave the room, and no dismantling of booths is allowed while judging is ongoing.

Public Exhibition



DATE & DURATION

The public exhibition will be on the 13th of June 2024, from 8.30 am – 1.00 pm. School students, teachers and visitors will visit your project.

WHO SHOULD BE THERE

Only 1 student and teacher(s) must be present in the designated place of your project. The rest of the students **MUST** attend the career talk at the SEAMEO HALL.

DISMANTLING PROJECT

You are only allowed to dismantle and clean up your project space after the closing ceremony (After 5.30 pm on the 13th of June 2024). Failure to do so will lead to **DISQUALIFICATION** of the team.



EDUCATIONAL GAMES

12 June 2024

Wednesday @ 2:30 PM

Contestant will be selected using physical lots. **Contestant are expected to complete the task within 60 second.**

There are **3 prizes** worth about **MYR2000 each** and will be given immediately after the games.



Congress Dinner



DATE & DURATION

The Congress Dinner will be on the 12th of June 2024, from 8.30 pm – 10.30 pm.
(Can enter starting from 7.00 pm)

WHO SHOULD BE THERE

All are invited to attend this Congress dinner at The TOP Penang



TRANSPORTATION

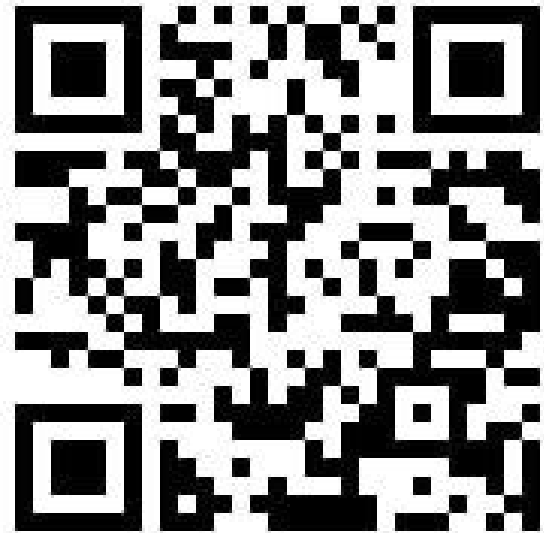
SEAMEO RECSAM is providing a bus for two-way trip from here to the TOP.

Participants are required to gather here before 6.00 pm



Registration Link/ QR Code for the Congress Dinner:

<https://forms.gle/nzjBhSGG6Et3jBmy5>





Workshops

Limited Choices

Each teacher can choose only one workshop throughout the congress, as there are a limited number of workshops available.

Multiple Options for Students

On the other hand, students can choose multiple workshops as long as they **do not conflict** with their judging sessions.

Limited Seating

Some workshops have **limited seating capacity**, so participants should plan accordingly and register early to secure their spots.



| TEACHER WORKSHOP | | | | | Workshop title | No of Participants | Moderator |
|-----------------------------|------------------|----------------------------|---------------|------|--|--------------------|----------------------------|
| Date | Time | Facilitator | Venue | Slot | | | |
| 11 June 2024 (Tuesday) | 9.30am - 12.00pm | Dr. Mark | Science Lab 2 | 1(a) | Shooting Satellites! – A multi-disciplinary workshop on building CanSats powered by the Internet-of-Things (IoT) | 50 | Dr. Warabhorn Preechaporn |
| | 2.30 pm - 4.30pm | Dr. Mark | Science Lab 2 | 2(a) | Shooting Satellites! – A multi-disciplinary workshop on building CanSats powered by the Internet-of-Things (IoT) | 50 | Ms.Sivaranjini a/p Sinniah |
| 12 June 2024 (Wednesday) | 9.30am - 12.00pm | Dr. Fernan Peniero Tupas | Science Lab 2 | 3 | STEAM Approach in Teaching Microorganisms | 50 | Ms.Sanura |
| STUDENT WORKSHOP | | | | | Workshop title | No of Participants | |
| Date | Time | Facilitator | Venue | Slot | | | |
| 11 June 2024 (Tuesday) | 9.30am - 12.00pm | Sasbadi Learning Solutions | Makerspace | 1(a) | LEGO Education SPIKE Prime Workshop | 40 | Ms.Auni Noorashid |
| | | KMU Staffs | Makerspace | 1(b) | Basic Design Using Tinkercad | 20 | Ms Sanura |
| | | Google Education | SEAMEO Hall | 1(c) | AI in Action | 150-200 | Ms.Sivaranjini a/p Sinniah |
| | 2.30 pm - 4.30pm | Sasbadi Learning Solutions | Makerspace | 2(a) | LEGO Education SPIKE Prime Workshop | 40 | Ms.Auni Noorashid |
| | | KMU Staffs | Makerspace | 2(b) | Basic Design Using Tinkercad | 20 | Ms.Tsuboi |
| | | Google Education | SEAMEO Hall | 2(c) | Unplugged Machine Learning | 150-200 | Dr. Warabhorn Preechaporn |
| 12 June 2024 (Wednesday) | 9.30am - 12.00pm | Mr. Tosio Sekiye | Math Lab 2 | 3(a) | Nim, a Mathematical game | 40 | Ms.Tsuboi |
| | | KMU Staffs | Makerspace | 3(b) | Basic Design Using Tinkercad | 20 | Ms.Auni Noorashid |
| | | AI Lab | SEAMEO Hall | 3(b) | Artificial Intelligence (AI) Workshop for Students | 150-200 | Dr. Warabhorn Preechaporn |

PRESENTERS SCHEDULE

| DATE | DAY | TIME | VENUE | CODE |
|-----------|-----------|-----------------|--|-----------|
| 10.6.2024 | MONDAY | 2.30 - 5.00 PM | THAILAND ROOM 1 | 001 - 025 |
| 11.6.2024 | TUESDAY | 8.30 - 10.30 AM | THAILAND ROOM 2 | 026 - 045 |
| 11.6.2024 | TUESDAY | 11.00 - 1.00 PM | PENANG ROOM 1 | 046 - 065 |
| 11.6.2024 | TUESDAY | 2.00 - 5.00 PM | VIETNAM ROOM , SINGAPORE ROOM & BRUNEI ROOM | 066 - 095 |
| 12.6.2024 | WEDNESDAY | 8.30 - 11.30 AM | PENANG ROOM 2 | 096 - 116 |

Registration Link/ QR Code for the Workshops:

<https://www.appsheet.com/start/2ff1d3c7-1b2f-459f-8838-aa96b0ed3579>



SSYS 2024

EDUCATIONAL TOUR



Entrance Fee

Standard Adult (13yrs old and above) =RM60.00

MyKad Adult (13yrs old and above) = RM52.00



ENTOPIA

- Visit Entopia, one of the largest butterfly garden in Malaysia which contains more than 15,000 free flying butterflies
- Explore nature's largest classroom and discovery hub, where butterflies and insects are free to come out and play
- See a variety of animal species from invertebrates to small reptiles living in their recreated garden vivarium
- Other than butterflies, you will get to observe more than 200 species of plants with waterfalls, ponds, caves and other artistic garden features
- Get to know more about the butterflies by visiting through all the edu-stations set up for you



Entrance Fee

Penang Hill - Standard (5yrs & above) = RM15.00

Mykad (5yrs & above) =RM 8.00

PENANG HILL



Penang Hill is the oldest British hill station in Southeast Asia, dated late 1700's. The highest peak of Penang Hill stand at 833 metres (2,732ft) above sea level. Penang Hill funicular train service started on October 1923 The current funicular trains is the 4th generation system which started its operation on 24th April 2011. The funicular track stretches a distance of 1,996 metres (1.99KM) from lower to Upper Station which is the longest in Asia. Penang Hill funicular tunnel, at 79 metres (258ft) long and 10feet (3.0m) wide with a steepness of 27.9degree, is the steepest tunnel track in the world.



TECH DOME

Entrance Fee

Tech dome - RM40.00 (Include STEM Challenge activities 3 hours + meals)

Tech Dome Penang is a not-for-profit science and technology centre run by Penang Tech Centre. It is an initiative by the Penang State Government and the setup was done in Public Public-Private Partnerships. With an area of approximately 45,000 sq ft, Tech Dome Penang has over 120 interactive science and technology exhibits.



STREET ART & CHOWRASTA MARKET -NO ENTRANCE FEE

STREET ART

Georgetown belongs to the list of UNESCO World Heritage Sites as of 2008. Penang and Georgetown especially is famous for its food, famous street art and beautiful nature. In Penang you can also visit the National Park, UNESCO smallest protected national park. Georgetown has an rich culture and many old buildings, making the city in combination with the street art an living museum. This is why Georgetown attracts much tourism and many. A part of the Street Art, are the iron sculptures. The sculptures tell the story of Georgetown, making it an interesting day trip to visit all the art and sculptures. Since the many tourism



Chowrasta Market

that faces Penang Road, one can find a wide variety of Penang's fresh produce, such as pickled nutmegs, durian cakes, dodol (a sweet Malay confection), heh ko (a special Penangite prawn paste), belachan (Malay chilli paste), balms and tau sar pneah (Penang's famous bean paste biscuits). No visit to Penang Island is complete without getting some of these uniquely Penangite produce and delicacies.



GURNEY PLAZA & GURNEY PARK- NO ENTRANCE FEE

GURNEY PLAZA

is strategically located in the famous Gurney Drive promenade in Penang and approximately three kilometres to the north-west of the city centre of Georgetown, Penang's capital. It is Penang's premier lifestyle shopping mall and a one-stop shopping and entertainment destination catering to both families and tourists arriving in Penang.



GURNEY PARK

The much anticipated first phase of Gurney Bay in Penang, built on reclaimed land at the cost of RM221 million, is finally open to the public from today. The first phase of the park featured a viewing deck, a playground, a skate park, kiosks, toilet and open air car parks that covers over 27 acres



BOTANICAL GARDEN- NO ENTRANCE FEE

The Penang Botanic Gardens is a botanical garden within the city of George Town in the Malaysian state of Penang. Situated at Jalan Air Terjun (Waterfall Road), it is also colloquially known as the Waterfall Gardens because of the cascading waterfall nearby.

The original gardens were established in 1884 from an old quarry site, under the supervision of Charles Curtis, who was the first superintendent, making it one of the oldest botanic gardens built by the British in a colonial settlement.

Penang Botanic Gardens is part of Penang Hill Biosphere Reserve, recognized by UNESCO as the third Biosphere Reserve in Malaysia listed in the World Network of Biosphere Reserve.





thank you

