Briefing of the EC Thailand Visit

Dr. Emiel de Kleijn (President)
Dr. Abdallah El Marhoune (Vice President of Asia)
Dr. Kwok-Tung Lu (Secretary)

(8th May 2023 to 11th May 2023)
# Timetable and Events

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Activities</th>
</tr>
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<tbody>
<tr>
<td>8 May 2023</td>
<td>07:35</td>
<td>Abdullah El Mahoune arrives FK374</td>
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<tr>
<td></td>
<td>09:30</td>
<td>Emiel De Klein (USO President) arrives KL875</td>
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<td></td>
<td>09:45</td>
<td>Kwook-Tung Lu arrives GB833</td>
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<tr>
<td></td>
<td>12:15-13:00</td>
<td>MCQ/Theory exam room, Arnoma Grand Hotel</td>
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<tr>
<td></td>
<td>13:20-15:30</td>
<td>Lunch, Central World</td>
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<td></td>
<td>16:00-17:30</td>
<td>Student hotel, Grand Fortune Hotel</td>
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<td></td>
<td>17:00-19:00</td>
<td>Dinner, Central Rama IX</td>
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<tr>
<td>9 May 2023</td>
<td>06:00-06:00</td>
<td>Breakfast, Grand Fortune Hotel</td>
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<td></td>
<td>09:00-12:00</td>
<td>Meeting with LOC/Academic committee + Lab survey, Srinakharinwirot University</td>
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<td></td>
<td>12:00-13:00</td>
<td>Lunch, Srinakharinwirot University</td>
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<td></td>
<td>13:00-16:00</td>
<td>USO Official Press Release, Srinakharinwirot University</td>
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<td>16:30</td>
<td>Hotel, Central World</td>
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<td>10 May 2023</td>
<td>06:00-08:00</td>
<td>Breakfast, Grand Fortune Hotel</td>
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<td></td>
<td>09:00-12:00</td>
<td>Excursion, Rattanakosin Island</td>
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<td></td>
<td>12:00-13:00</td>
<td>Lunch, Rattanakosin Island</td>
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<tr>
<td></td>
<td>13:00-16:00</td>
<td>Free time, Tha Maharaj</td>
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<tr>
<td></td>
<td>17:00-19:00</td>
<td>Dinner, Tha Maharaj</td>
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<tr>
<td>11 May 2023</td>
<td>06:00-08:00</td>
<td>Breakfast, Grand Fortune Hotel</td>
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<td></td>
<td>09:00-12:00</td>
<td>Airport</td>
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<tr>
<td></td>
<td>12:05</td>
<td>Emiel De Klein (USO President) departure, KL876</td>
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<tr>
<td></td>
<td>13:20</td>
<td>Kwook-Tung Lu departure, GB832</td>
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<td></td>
<td>21:00</td>
<td>Abdullah El Mahoune departure FK373</td>
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1. Arrival
2. Visit Arnoma Grand Hotel (leaders)
3. Visit Grand Fortune Hotel (students)
4. Visit Srinakharinwirot University
5. Meeting with the Academic committee members.

1. Visit Rattanakosin Island (Excursion site of the IJSO2023)

1. Departure
Day one (8th May 2023)

1. Arrival of the EC members
2. Visit Arnoma Grand Hotel (leaders)
   ~ Accommodation, Venus of question discussion, IB meeting and moderation
3. Visit Grand Fortune Hotel (students)
   ~ Accommodation, Venus of MCQ Exam., Theoretical Exam., & Closing Ceremony
Arnoma Grand Hotel Bangkok
(Hotel for the Leaders)

Question discussion, IB meeting & Moderation will take place here
The Hotel is located in the downtown district of Bangkok (two shopping malls connected by a flyover or crosswalk)
Arnoma Grand Hotel Bangkok

The Arnoma Grand Ball Room
~ Partition to Arnoma-1, -2, & 3 for question discussion (three subjects simultaneously)
~ Combined Arnoma-1, -2, & 3 for IB meeting, & moderation
~ Service desk & refreshment (right outside the ballroom)
Electrical sockets in Thailand are compatible with both flat parallel prongs (like in the United States and Japan) and two round pins (like in most European and Asian countries).
Group photo with the LOC members & EC members at the lobby of Arnoma Hotel
Grand Fortune Hotel Bangkok
(Hotel for the Students)

MCQ Exam, Theoretical Exam & Closing Ceremony will take place here.
~ Less than 5 Km distance (around 20~30 min driving distance during the rush hour).
~ Subway train service is also available from the student hotel to the University.
~ MCQ, Theoretical exam, & closing ceremony will take place here
The Grand Ballroom & Platinum Hall

~ located at the same floor, around twenty meter part, connected by the hallway

From the Grand ballroom looking to the entrance of the Platinum Hall
A hallway connects the Grand Ballroom & Platinum Hall (around 20 meters)

The combined Capacity of The Grand Ballroom & Platinum Hall is 700 persons
For MCQ & theoretical Exam
~ Two students will share a long table, as shown
~ Partition will be placed between students

~ Shopping mall, night market (beer place)
  connected by a hallway or just across the street.
~ A 24 hr nurse station will be placed in the hotel.
~ The lifeguard service is only provided within a limited period of time.
Warm welcome by the Chairman and LOC members
Day two (9th May 2023)

1. Visit Srinakharinwirot University (Venus of the Practical Exam)

2. Meeting with the Science Committee members.

~ Less than 5 Km distance to the Student’s Hotel (around 20~30 min driving distance during the rush hour).
~ Subway train service is also available from the student hotel to the University.
~ All the laboratories for the practical exam are newly decorated.
~ They are located on the different floors of the Science College (Students will take the elevators to the laboratories)
Meeting with the Chairman & Science Committee members

Opening Speech by the Chairman

Group photo with the Chairman

Introduction of the Science Committee members
Briefing by the Science committee members

**IJSO Examination Paper Preparation**

- Chemistry
- Biology
- Physics

**SCIENCE**

- The problems are arranged into three examination papers.
- The Multiple Choice and Theory examinations are individual events, while the Practical Examination is a team competition.
- The topics for the competition correspond to the topic approved IJSO syllabus.

<table>
<thead>
<tr>
<th>Criteria</th>
<th>MCQ</th>
<th>Theory</th>
<th>Practical</th>
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<tbody>
<tr>
<td>Point</td>
<td>30</td>
<td>30 (10 points for each subject)</td>
<td>40 (equal proportion)</td>
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<tr>
<td>Time</td>
<td>3 hours</td>
<td>3 hours</td>
<td>3 hours</td>
</tr>
<tr>
<td>Spare questions</td>
<td>At least 3 problems for each subject</td>
<td>At least 1 problem for each subject</td>
<td></td>
</tr>
<tr>
<td>Maximum number of words</td>
<td>3,500 words</td>
<td>3,500 words</td>
<td>4,000 words</td>
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Discussion with the Science committee members
Summary of the discussed issues (1) 
(based on the discussion sequence)

1. Registration of the alternate countries (registration + observer?)

2. Student guide recruitment
   ~ former competitors, foreign exchange students, undergrad with language major.

3. Medical support on the student hotel and arena of the practical exam. 
   (24-hour nurse station, emergency hospital arrangement)

4. How to select the alternate countries to jump in the event? 
   (EC member proposes suggestion and processing)
Summary of the discussed issues (2)

5. Students must hand in all the electronic devices to the student guide during the check-in and retrieve it after the practical exam (Camera without internet function is allowed).

6. Students will not be allowed to go shopping by themselves. 
   ~ accompany by the student guide or student guide will shop for them

7. Food arrangement for special needs. 
   ~ double check the ingredient of the refreshment and food

8. Any assistance on the question bank from the member countries. 
   (not required)
9. The scientific committee is suggested to
   ~ prepare enough spare questions.
   ~ Rehearsal the practical exam question in advance (20-30 students)
   ~ Marking scheme must be provided before the discussion
   ~ All the marking must not be in all or none manner.
   ~ Prevent the double punishment marking.
   ~ Restriction of the wording based on the statutes.
   ~ 30 mins of the question reading time (student can also check the equipment)
   ~ If sharing equipment is needed, minimize to two groups of students.
   ~ Special arrangement for the students that have visual disabilities (e.g. color blind)
   ~ The chairperson of the discussion must be the last person to leave the room.
   ~ Provide enough RA to help the students during the practical exam
Summary of the discussed issues (4)

9. The scientific committee is suggested to (cont)
   ~ at least three people in the discussion room.
     (chairperson, host, typing)
~ Moderation (three tables, Physic, Chemistry, Biology)
~ Equipment introduction if it is necessary.
   (the model of the calculator will be posted on the website)
~ Graph, figure, & table in a separate file.
~ Hospitalized student (make-up exam???)
~ all the lab coats, & stationaries will be provided by the LOC.

10. Security check (Royal family will be there)
    Press conference.
    Behavioral guideline.
Group photo after the meeting
~ All the laboratories for the practical exam are newly decorated.
~ They are located on the different floors of the Science College (Students will take the elevators to the laboratories)
Photos of the Press Conference
Photos of the Press Conference
Photos of the Press Conference
END