

# APRSAF-20 WATER ROCKET EVENT: OUTLINE

(Draft Version)

- 1. Date:** November 30<sup>th</sup> – December 1<sup>st</sup>, 2013 (Saturday - Sunday)  
(Notice: Excluding arrival and departure dates)
- 2. Venue:** Vietnam Academy of Science and Technology(VAST)  
# 18 Hoang Quoc Viet street, CauGiay district, Hanoi, Vietnam  
Tel: +84-4-22423315; Fax: +84-4-37914622  
Website: www.vast.ac.vn
- Water Rocket Event Launch Site:  
Hanoi University of Education (HUE)  
# 136 XuanThuy road, CauGiay district, Hanoi, Vietnam
- 3. Lodging:** Quan Hoa Hotel  
#20/165 Cau Giay road, Cau Giay district  
Hanoi, Vietnam  
Tel: +84.438.338.075; Fax: +84.437.676.223
- Hoang Anh Hotel  
#209 Cau Giay road, Cau Giay district  
Hanoi, Vietnam  
Tel: +84.438.335.986; Fax: +84.437.670.285
- 4. Official Language:**English
- 5. Tentative Schedule:**

| Date                     | Time   | Activity  |
|--------------------------|--|---|
| 29November<br>(Friday)   |  | Arrive in Vietnam at Noi Bai airport: transportation to the accommodation.<br><i>(participants will be pick up at the airport and transportation will be provided)</i>                      |
| 30November<br>(Saturday) | 7:45   | Breakfast at accommodation place  |
|                          | 8:30   | Bus transport to VAST for opening ceremony  |
|                          | 8:45   | Registration  |
|                          | 9:00   | Opening Ceremony  |
|                          | 9:15   | Student Session – Students introduce their team and country. <b>Max 5min per country.</b> Power Point slides should be uploaded at registration or sent to the organisers before the event. |
|                          | 10:45  | Tea break   |
|                          | 11:00  | Special lectures on space activities ( <i>VAST representative</i> )   |
|                          | 11:45  | Lunch   |
| 13:00                    | Briefing on the Water Rocket Launch Competition: |   |

|                        |   |  |   |  |
|------------------------|---|--|---|--|
|                        |   | + Schedule of events and rules of the competition and demonstration<br>+ Questions and Answers |   |  |
|                        | 14:00   | Group photo  |   |  |
|                        | 14:15   | Tea break  |   |  |
|                        | 14:30   | Hanoi Tour: Vietnam Museum of Ethnology  |   |  |
|                        | 17:30   | Bus transportation to dinner venue   |   |  |
|                        | 18:00   | Welcome Reception, hosted by VAST  |   |  |
|                        | 21:00   | Dismiss, bus transport to accommodation  |   |  |
| 1 December<br>(Sunday) | 7:45  | Breakfast at accommodation place   |   |  |
|                        | 8:30  | Bus transport to VAST  |   |  |
|                        | 9:00  | <b>Student Program</b>   | <b>Teacher Program</b>  |  |
|                        |   | Making water rockets<br>(2 water rockets per student)  | Workshop<br>Teaching Techniques and Regional Water Rocket<br>Activities Sharing Session ( <i>Power Point slides should be<br/>uploaded at registration or sent to the organisers before<br/>the event</i> ) |  |
|                        | 11:30   | Lunch  |   |  |
|                        | 12:45   | Bus transportation to the launching venue  |   |  |
|                        | 13:30   | Launch competition   |   |  |
|                        | 16:30   | Advance Water Rocket Show  |   |  |
|                        | 17:00   | Award ceremony   |   |  |
|                        | 18:00   | Bus transport to dinner venue  |   |  |
| 18:30                  | Friendship Party, hosted by JAXA at (venue to be confirmed) |  |   |  |
| 21:00                  | Departure: transportation to accommodation and the airport  |  |   |  |

## 6. Participants:

i. Competitors: School students at age between 12 and 16 years old from countries in Asia Pacific region. (*Date of Birth between 2 December 1996 and 1 December 2001*)

ii. Selection: A participating country should hold its national water rocket competition to select competitors.

*(Notice: It is suggested that the competitors be selected based on not only their performance in launching water rockets but also their interest in space activities and in friendship and cultural exchange. The selected students should preferably have adequate English language proficiency.)*

iii. Teachers/Leaders: The students shall be accompanied by teachers or leaders of youth activities to travel to Malaysia. The accompanying teachers or leaders must be interested in space and science education, willing to engage in the exchange of knowledge, experience and skills with water rocket and other educational activities with those from other

countries and committed to promoting space and science education activities among young people in their home countries.

*(NB: In view of the limited capacity of the venue and accommodation, each participating country should **limit the number of students to 6 and accompanying teachers/leaders to 2 to participate.**)*

**7. Application Deadline:**

The final list of all participants must be communicated to STI and JAXA, **no later than Thursday, October 10<sup>th</sup>, 2013**. For application received by this date VAST/STI will issue a letter of invitation and assist with visa application.

**8. Local Organizer:**

Vietnam Academy of Science and Technology (VAST),  
Space Technology Institute (STI)

Local Contact:

Mr. Nguyen Vu GIANG

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APRSAF-20 is hosted by the Vietnam Academy of Science and Technology (VAST).

**Co-Organizer:**

Contact point:

Japan Aerospace Exploration Agency (JAXA)

Ms. Yayoi Miyagawa

APRSAF Water Rocket Event Secretariat

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