

# 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, Cau Giay 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 Xuan Thuy road, Cau Giay district, Hanoi, Vietnam
- 3. Lodging:** Sen Hotel  
#26 Nguyen Khanh Toan road, Cau Giay district  
Hanoi, Vietnam  
Tel: +84.4 3767.8866; Fax: +84.4 3839 8590

**4. Official Language:** English

**5. Tentative Schedule:**

Date	Time	Activity
29November (Friday)		Arrive in Vietnam at NoiBai airport: transportation to the accommodation. (participants will be pick up at the airport and transportation will be provided)
30November (Saturday)	7:45	Breakfast at accommodation place
	8:30	Bus transport to VAST for opening ceremony
	8:45	Registration
	9:00	Opening Ceremony
	9:30	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.
	11:00	Tea break
	11:15	Special lectures on space activities ( <i>Mr. Phan Thanh Hien</i> )
	12:00	Lunch
	13:00	Briefing on the Water Rocket Launch Competition: + Schedule of events and rules of the competition and demonstration + 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 (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 (2 water rockets per student)	Workshop Teaching Techniques and Regional Water Rocket Activities Sharing Session ( <i>Power Point slides should be uploaded at registration or sent to the organisers before the event</i> )	
	11:30	Lunch		
	12:45	Bus transportation to the launching venue		
	13:15	Launch competition		
	16:45	Advance Water Rocket Show (JAXA expertise)		
	17:15	Bus transport to dinner venue		
	18:00	Award ceremony		
	18:30	Group photo		
18:45	Friendship Party, hosted by JAXA			
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:**

Japan Aerospace Exploration Agency (JAXA)

Contact point:

Ms. Yayoi Miyagawa

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