

## APRSAF-18 WATER ROCKET EVENT: OUTLINE

1. **Date:** 3 –4 December 2011 (Saturday - Sunday)  
(NB: Excluding arrival and departure dates.)
  
2. **Venue:** (We're planning for another school/venue for the opening ceremony, to be released shortly.)  
Water Rocket Event Launch Site:  
Saints Hilda's Secondary School (tentative)  
2 Tampines Street 82 Singapore 528986
  
3. **Lodging:** Camp Challenge  
8 Admiralty Road East  
Tel: +65-6574427
  
4. **Official Language:** English

### 5. Tentative Schedule:

Date	Time	Activity	
2nd December (Friday)		Arrive in Singapore: transportation to the accommodation (participants will be met at the airport and transportation will be provided)	
3rd December (Saturday)	8:15	Bus transport to venue for opening ceremony	
	8:30	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	Morning tea	
	11:00	Special Lecture- Latest developments in Space Research: Prof. T. Kubota, ISAS, JAXA (Co-Chairperson APRSAFSEAWG)	
	11:30	<b>Teacher Program</b>	<b>Student Program</b>
		Workshop 1 PET Rocket Launcher Design (Simple to Advanced) PET Rocket Design Considerations	Activity 1 Learning of iPad launching system, rocket making and testing of Launchers
	13:00	Lunch	
	14:00	Workshop 2 Teaching Techniques and Regional Water Rocket Activities Sharing Session (Power Point slides should be uploaded at registration or sent to the organisers before the event.)	Activity 2
PET Car Workshop and testing			
16:30		Briefing on the Water Rocket Launch Competition: Schedule of events	

		and rules of the competition and demonstration
	17:00	Bus transport to accommodation
	18:30	Welcome Reception, hosted by SpeedB, CRISP and SSTA at (venue to be confirmed)

4th December (Sunday)	8:30	Bus transport to St Hilda's Secondary School
	9:00	Making of water rockets, test launching of rockets
	12:00	Lunch
	13:00	Launch competition
	17:00	Award ceremony
	17:30	Group photo
	19:00	Friendship Party, hosted by JAXA at (venue to be confirmed)
	after 22:00	Departure

## 6. Participants:

1) Competitors: School students at age between 12 and 16 years old from countries in the region of Asia and the Pacific

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

(NB: 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.)

3) Teachers/Leaders: The students shall be accompanied by teachers or leaders of youth activities to travel to Singapore. 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 SpeedB and JAXA, no later than **Friday 14 October, 2011**. For application received by this date **SpeedB** will issue a letter of invitation and assist with visa application.

**8. Local Organizer:** SpeedB Pte Ltd  
Local Contact: Mr. Sherwin Tng  
Tel: +65 6443 9159  
Fax: +65 6244 1723  
E-mail: [Learning@Speedb.com](mailto:Learning@Speedb.com)

APRSAF-18 is hosted by Singapore Space and Technology Association (SSTA) and Centre for Remote Imaging, Sensing and Processing (CRISP).

**Co-Organizer:** Japan Aerospace Exploration Agency (JAXA)  
Contact point: Ms. Yayoi Miyagawa  
APRSAF Water Rocket Event Secretariat  
Tel: +81 50 3362 7590  
Fax: +81 42 759 8612  
E-mail: [z-awre2011@edu.jaxa.jp](mailto:z-awre2011@edu.jaxa.jp)