

APRSAF-19 WATER ROCKET EVENT: OUTLINE

(Draft Version)

- 1. Date:** 8 –9 December 2012 (Saturday - Sunday)
(NB: Excluding arrival and departure dates.)

- 2. Venue:** National Planetarium
Lot 53, Jalan Perdana
50480 Kuala Lumpur, Malaysia
Tel: +603-2273 4303; Fax: +603-2273 5488
Website: www.angkasa.gov.my/planetarium

Water Rocket Event Launch Site:
SMK Putrajaya Presint 18(1)
Jalan P18, Presint 18, 62150 Putrajaya, Malaysia
Tel: +603-8890 5420; Fax: +603-8890 5421

- 3. Lodging:** Institut Latihan Kehakiman Dan Perundangan (ILKAP)
Jabatan Perdana Menteri
Lot 5, Persiaran Universiti, Seksyen 15
43650 Bandar Baru Bangi
Selangor Darul Ehsan, Malaysia
Tel: +603-89243400; Fax: +603-89261231
Website: <http://www.ilkap.gov.my>

- 4. Official Language:** English

- 5. Tentative Schedule:**

Date	Time	Activity
7th December (Friday)		Arrive in Malaysia: transportation to accommodation Participants will be met at the airport and transportation will be provided. Upload Power Point slides (for Student Session and Teacher Program) upon check-in at ILKAP.
8th December (Saturday)	8:00	Bus transport to National Planetarium, Kuala Lumpur
	8:30	Registration & Breakfast
	9:00	Opening Ceremony
	9:20	Student Session Students introduce their team and country. Max 5min per country. Power Point slides should be uploaded at registration.
	10:45	Morning tea
	11:00	Special lectures on space activities by Mejar (Dr) Faiz Khaleed, Angkasawan Malaysia. (lecture topic to be confirmed)
	11:45	Planetarium Show “Journey to the Stars”
	12:15	Briefing on the Water Rocket Launch Competition: Schedule of events and rules of the competition and demonstration
	12:45	Lunch

	14:00	Teacher Program	Student Program
		Workshop Teaching Techniques and Regional Water Rocket Activities Sharing Session. PowerPoint slides should be uploaded at registration.	Activities Visit to the National Science Centre (about 10km from National Planetarium, 2 hours visit including travelling time, buses will be provided).
	16:15	Tea Break	
	16:30	Visit to the Suria KLCC (about 6km from National Planetarium, 2½ hours visit including travelling time, buses will be provided)	
	19:00	Break Time Visit to National Planetarium exhibition gallery.	
	19:30	Welcome Reception, hosted by ANGKASA at National Planetarium	
	22:00	Dismiss, bus transport to accommodation	
9th December (Sunday)	8:00	Bus transport to SMK Putrajaya Presint 18(1), Putrajaya	
	8:30	Breakfast	
	9:00	Teacher Program	Student Program
		Workshop Introduction to telescope, star chart and 3D Sun model (if time permits).	Activities Making of water rockets, test launching of rockets.
	12:00	Lunch Demonstration of Advanced Water Rockets to be carried out during lunch hour.	
	12:45	Group photo	
	13:00	Launch competition	
	16:30	Award ceremony	
	17:30	Bus transport to dinner venue	
	18:00	Friendship Party, hosted by JAXA at MAEPS Bistro	
20:50	Departure, bus transport to airport		
	22:00	Dismiss, bus transport to accommodation	
10th December (Monday)		Departure, buses transport to airport Tour available in the morning to the City of Putrajaya. Register to join the tour upon check-in at ILKAP on the 7 th Dec 2012.	

6. Participants:

- i. Competitors: School students at age between 12 and 16 years old from countries in the region of Asia and the Pacific.
- ii. 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.)
- 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 ANGKASA and JAXA, no later than **Monday 15 October, 2012**. For application received by this date ANGKASA will issue a letter of invitation and assist with visa application.

8. Local Organizer: National Space Agency (ANGKASA) of Malaysia
Local Contact: Mr. Jong Tze Kian
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APRSAF-19 is hosted by the National Space Agency (ANGKASA) of Malaysia.

Co-Organizer: Japan Aerospace Exploration Agency (JAXA)
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