

APRSAF-12, 12 Nov .5 2005

# Agenda for Space Education and Awareness WG and Materials for the discussion

Cochair Prof. H.S.Sinha (India)

Prof. Koh-ichiro Oyama(Japan)

# APRSAF-12 SEA Working Group Session 1/2

October 12

9:00 -12:00 Presentations

12:00-13:30 Lunch

13:30-15:00 Discussion on Action items for this year

15:00--15:30 Coffee Break

15:30--17:00 Discussion on Recommendations and others

17:00--18:40 Preparation for WG Report (cochairmen)

19:00—21:00 Welcome reception hosted by JAXA at Ringa Royal Hotel Kokura

**Presentations by member countries**

**Activities for space education/awareness**

**Problems/difficulties if any**

**including Water Rocket Competition**

# Presentations

1. Report of SEA WG since APRSAF-11 K-.I. Oyama
2. Space Education Activities in Cambodia, Mr.C.Chin
3. Space Education Activities in Australia, Dr.S.Sukkarieh
4. Education and awareness Program on space science and astronomy in SriLanka and  
1<sup>st</sup> water boosted rocket Competition in SriLanka Dr.N.I.Medapangoda.
5. Space Education Activities in India ,Prof..H.S.Sinha
6. Space Education activities in Thailand Dr.S.Tantiphanwadi
7. Maximizing Space Benefits for the Society Ms Z.S.Mastor
8. Space Education Activities in Myanmar Dr.Z.M.Aung
9. Space education activities in Vietnam Dr.D.M.Chung"Space
10. Education Initiatives in the Philippines - The Philippine World Space  
Week Celebrations 2005 and the Master of Science in Astronomy Program of the  
Philippines". Dr.J. E. ABAN
11. Space Education of UN, Ms Yolanda Berenguer
12. Water Rocket Competition in Indonesia Mr A Hidayat

## **Discussions;**

Two main action items are Space Education forum and Water boosted Rocket Comp.

Try to find Possibilities to hold Space Education Forum and Water Boosted Rocket Comp outside Japan

How we APRSAF can collaborate together under the umbrella of APRAF ?

## **Action items**

## **Recommendations**

*Review of Action items from APRSAF-11 SEA*  
***Start from the simple things !!***

1. Public Lecture : 6 Nov. at Questacon
2. Small (pico) satellite development, provide information on courses documents for space education
3. Information on educational program; provide information /current status of their education program to the APRSAF secretariat
4. Distance education program; provide current status in their countries
5. Information materials; requested NASA to provide existing materials concerning small satellite development
6. Water Boosted Rocket Competition

# Primary Action Item

- Space Education and Awareness Forum
  - Excellent idea
  - Needs to focus on the less developed countries
  - Needs to include more than just speeches
  - Action Item – to develop a proposal for future SEA forums which includes more education activities and focuses on less developed countries.

**Space Education Forum at Questacon** *\*Live from Tokyo Museum of Science via satellite*

**Saturday 6th November 2004**

**“THE USE OF SPACE FOR THE GOOD OF HUMANITY”**

**\* lecture style (15 min. presentation and 5 min. Q&A), and Panel Session (total Q&A, 20 minutes).**

**Moderator: Mr Julian Cribb (TBC)**

**11:00 WELCOME (Professor Oyama, Japan Aerospace Exploration Agency)**

**11:10 Services derived from space (Dr. Parfitt, CRCSS)**

Learn how satellites provide access to services we use in every day life, from communications, navigation, weather forecasting and environmental management.

**11:30 Experience of spaceflight (Dr. Mohri, Japan Aerospace Exploration Agency)**

*continued*

**11:50 Viewing the world from outside (Dr. Alex Held, CSIRO Office of Space Science and Applications)**

Learn how earth observation from space allows us to view and manage our natural resources or track emergency situations such as bushfires.

**12:10 Understanding the Earth and space environments (Mr Neal Newman, NASA Representative for Australia and Southeast Asia)**

Learn how NASA's education program brings the benefits of space exploration down to Earth.

**12:30 Questions and Answers (All Speakers)**

**12:50 Closing Address (Dr Salah Sakkarieh, University of Sydney)**

## *First international water Boosted Rocket Comp.*

14th October : arrive at Genkai Seinen no-ie

17:00 Orientation

Reception :Students and leader from outside as well  
as Kyushyu area, and supporting staff (include.,  
interpreter)

15th October:

9:20-12:00 Making Water boosted Rocket ,two Lecturer at  
Congress site

13:00-16:00 Competition at Baseball field

16:30 Prize

18:00 Reception

16th Oct : IAC exhibition at Fukuoka

Leave for home counties

## APRSAF-10 Action items (follow up from APRSAF-9)

1. Special lecture; A tutorial or special lectures should be conducted for local people of the host country back to back with APRSAF meetings.
2. Information materials; regarding small satellite development, courses/documents for Space education and awareness should be simple one. Starting with young student. Inexpensive/innovative.
3. Information on educational program; chairman requested member countries to provide current status of their space education program
4. Distance education program in their country
5. Information material on space education

## Recommendations ( APRSAF12 SEA WG)

1. Follow up the action items from the reviews of the APRSAF-12 SEA WG as far as possible
2. Encourage international cooperation on space Education and awareness
3. Conduct continuous efforts to make decision makers and general public aware of the importance of space applications for sustainable development.
4. Encourage member countries to include education as a core mission element of their space activities
5. Explore the possible funding sources for the implementation of the recommendations

## *Announcement to the SEA WG members*

*14,15<sup>th</sup> October UN workshop*

*15th October Water boosted Rocket Competition*

*9:20-11:30 Making water boosted Rocket at  
congress Center, Lunch*

*12:10 and 12:30 Bus leaves for Launch site, 8 minutes ride*

*13:00 Water Boosted Rocket Comp  
at launch site*

*17:00 and 17:20 1<sup>st</sup> and second Bus leave for Reception*

*18:00 Reception at Congress Center*

*WG members are strongly welcome , no Alcohol*