

15 May 2017

#### **FIRST ANNOUNCEMENT**

## The 24th Session of the Asia-Pacific Regional Space Agency Forum (APRSAF-24)

## "Space Technology for Enhanced Governance and Development" 14-17 November 2017, Bengaluru, India

Dear Sir/Madam,

On behalf of the co-organizers, we are pleased to announce that the 24th session of the Asia-Pacific Regional Space Agency Forum (APRSAF-24) will take place from 14 to 17 November 2017 in Bengaluru, India, under the theme entitled "Space Technology for Enhanced Governance and Development." APRSAF-24 will be jointly organized by the Indian Space Research Organisation (ISRO), the Ministry of Education, Culture, Sports, Science and Technology of Japan (MEXT), and the Japan Aerospace Exploration Agency (JAXA).

Space technology, as one of the most informative and practical tools for earth observation, has greatly contributed to tackling various global issues including natural disasters, global warming and climate change. It is used not only for assessing and monitoring the impact, but also for informed decision making to address these issues. Earth observation data, integrated with in-situ observations, support a host of applications in the areas of socio-economic security, sustainable development, disaster risk reduction and governance. The capabilities of satellite communication and navigation are being exploited for delivering an array of societal applications towards education and health, connectivity, livelihood sustenance and location based services. Many of these applications and services have been effectively used and adopted by stakeholder departments for operational use in many countries. We believe that further maximization of space technology applications for decision making by governments will promote sustainable socio-economic development and lead us to a better future. This also calls for the optimized expenditure on space based activities due to the current global economic situation.

APRSAF-24 will bring together leading players in the space sector in the region as well as the stakeholders and relevant entities that have been actively involved in, or interested in, space endeavors and regional collaborations. We warmly welcome new participants, not only from space agencies, but also from relevant ministries, user organizations of space technologies, development



aid agencies, the private sector, universities, and international/regional organizations. As an open and flexible framework for regional cooperation, APRSAF encourages voluntary participation by anyone who is interested in its work.

Further details of APRSAF-24, including the program and associated events as well as travel arrangements and logistics, will be made available on our website (http://www.aprsaf.org/annual\_meetings/aprsaf24/meeting\_details.php) soon.

We sincerely hope that you will join us at APRSAF-24, and we look forward to welcoming you and your colleagues in Bengaluru in November 2017.

Sincerely,

A. S. Kiran Kumar

Chairman

Indian Space Research Organisation (ISRO)

India

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Mami Oyama

Deputy Director General

大山真末

Research and Development Bureau

Ministry of Education, Culture, Sports,

Science and Technology of Japan

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Naoki Okumura

President

Japan Aerospace Exploration Agency







## The 24th Session of the Asia-Pacific Regional Space Agency Forum (APRSAF-24)

"Space Technology for Enhanced Governance and Development"

#### 14-17 November 2017, Bengaluru, India

#### **Background**

The Asia-Pacific Regional Space Agency Forum (APRSAF) was established in 1993. In the 24 years of its history, it has contributed to solving various problems in the Asia-Pacific region by using space technology and its applications. APRSAF has become the largest forum in the area and to date, Australia, India, Indonesia, Japan, Malaysia, Mongolia, Thailand, the Republic of Korea, Singapore, the Philippines and Vietnam have hosted the APRSAF sessions.

The last session, the 23<sup>rd</sup> session of APRSAF (APRSAF-23), was convened in Manila, the Philippines, under the theme entitled "Building a Future through Space Science, Technology and Innovation" and was jointly organized by the Philippine Council for Industry, Energy and Emerging Technology Research and Development - Department of Science and Technology of the Philippines (DOST-PCIEERD), MEXT and JAXA. A total of 576 people from 33 countries and regions, and 10 international organizations participated in the session. APRSAF-23 adopted recommendations as a result of discussions in the plenary session and proposals from the four working groups: Space Applications Working Group (SAWG), Space Technology Working Group (STWG), Space Environment Utilization Working Group (SEUWG), and Space Education Working Group (SEWG). <Recommendations of APRSASF-23: https://aprsaf.org/annual\_meetings/aprsaf23/recommend.php>

This year, the 24<sup>th</sup> session of APRSAF (APRSAF-24) will be held under the theme entitled "Space Technology for Enhanced Governance and Development" to share information about the activities and future plans of each country and region, and to discuss further cooperation in these respective areas. The plenary session will feature information-exchange sessions on space policies and the latest programs of each country, as well as discussions on common regional issues and interests.

APRSAF promotes concrete regional cooperation using space technology through open and voluntary participation. To reflect a broad range of views and voices, APRSAF highly encourages participation from diverse organizations such as space agencies, relevant ministries, user organizations of space technologies, development aid agencies, the private sector, universities, and international/regional organizations.



### **APRSAF-24**

#### **Date and Venue**

Dates: 14-17 November 2017

Venue: TBD Bengaluru

#### **Organizers**

APRSAF-24 will be co-organized by the following organizations:

**India:** Indian Space Research Organisation (ISRO)

**Japan:** Ministry of Education, Culture, Sports, Science and Technology of Japan (MEXT)

Japan Aerospace Exploration Agency (JAXA)

#### **Main Theme**

Space Technology for Enhanced Governance and Development

#### **Overall Schedule**

#### **■Plenary and Working Groups**

The first and second day of APRSAF-24 (14-15 November) will be devoted to sessions of the four working groups: Space Applications Working Group (SAWG), Space Technology Working Group (STWG), Space Environment Utilization Working Group (SEUWG), and Space Education Working Group (SEWG). The four working groups will hold sessions in parallel.

The plenary session will take place on the third and fourth day of APRSAF-24 (16-17 November). The session will feature reports by APRSAF participating countries focusing on space policy as well as their space activities. There will also be reports from APRSAF Working Groups and Initiatives: the Sentinel Asia (disaster management support system in the Asia-Pacific region), SAFE (Space Applications For Environment), and Kibo-ABC (Asian Beneficial Collaboration Through "Kibo" Utilization). Special panel discussions by heads of agencies are planned at the main plenary session to be held on Friday, 17 November.

#### ■APRSAF Activities

On 13 November, workshops will be conducted by two APRSAF Initiatives: SAFE and Kibo-ABC. Water Rocket Event, Poster Contest, and Exhibition will also take place prior to or in parallel with APRSAF-24.

#### For more details, please see Appendix-A.



#### **APRSAF Side Event**

An "APRSAF Side Event" is a meeting, conference, or similar event proposed and performed by APRSAF participating organizations during the APRSAF annual session. The APRSAF Secretariat is now accepting proposals for APFSAF Side Events and the closing date for submission is **30 June 2017.** The Guidelines and Application Form are in **Appendix-B**. Relevant information is available on the APRSAF website: http://www.aprsaf.org/annual\_meetings/aprsaf24/side\_events.php

#### **Points of Contact for APRSAF-24**

Please direct all inquiries concerning APRSAF-24 to:

#### Ms. Kumiko Tanabe

APRSAF-24 Secretariat, c/o Japan Aerospace Exploration Agency (JAXA) Ochanomizu Sola City, 4-6 Kandasurugadai, Chiyoda-ku, Tokyo, 101-8008, Japan E-mail: secretariat@aprsaf.org / FAX: +81-3-5209-3205

#### **Other Matters**

Further details about APRSAF-24, including program updates, logistics arrangements and online registration will be made available in due course. Please check for the latest information on the APRSAF website at http://www.aprsaf.org.

Information about the APRSAF will also be provided via APRSAF News Mail and APRSAF News Letter. To subscribe to them, please visit https://www.aprsaf.org/newsmails\_newsletters/form/. Participation in APRSAF-24 is free, although participants are responsible for covering their travel and accommodation costs.

#### **Attachments**

Appendix-A ...... Tentative Program of APRSAF-24

Appendix-B ...... APRSAF Side Event Guidelines and Application Form



# APRSAF-24 Program (Tentative)

As of 15 May 2017

|       | Monda<br>Nove |                    | Tuesday, 14 November |                        |          |           |          | Wedneso  | day, 15 N | ovember          |          | Thurday, 16 November | Friday, 17 November               |                                   |
|-------|---------------|--------------------|----------------------|------------------------|----------|-----------|----------|----------|-----------|------------------|----------|----------------------|-----------------------------------|-----------------------------------|
|       | INITIAT       | IVE WS             | ļĽ                   | W                      | ORKING   | GROUPS    | ,        |          | WOR       | KING GR          | OUPS     |                      | PLENARY                           | MAIN PLENARY                      |
| 9:30  | SAFE<br>WS    | Kibo-<br>ABC<br>WS |                      | SA<br>WG               | ST<br>WG | SEU<br>WG | SE<br>WG | SA<br>WG | ST<br>WG  | SEU<br>WG        | SE<br>WG |                      | Country and Organization Reports: | Opening Ceremony                  |
|       |               |                    | Ш                    |                        |          |           |          |          |           |                  |          |                      | Focus on Policy                   | Reports: Working Group/Initiative |
|       |               |                    |                      |                        |          |           |          |          |           |                  |          |                      |                                   | Heads of Agency Session           |
|       | Lunch         |                    |                      | Lunch                  |          |           |          | Lunch    |           |                  |          |                      | Lunch                             | Lunch                             |
|       | SAFE<br>WS    | Kibo-<br>ABC<br>WS |                      | SA<br>WG               | ST<br>WG | SEU<br>WG | SE<br>WG | SA<br>WG | ST<br>WG  | SEU<br>WG        | SE<br>WG |                      |                                   | Fuggithus Donal Discussion        |
|       |               |                    |                      |                        |          |           |          |          |           |                  |          |                      |                                   | Executive Panel Discussion        |
|       |               |                    |                      |                        |          |           |          |          |           |                  |          | ISRO<br>Special      | ISRO Facility Tour                | Space Leaders' Roundtable         |
| 17:45 |               |                    |                      |                        |          |           |          |          |           |                  |          | Events               |                                   | Joint Statement                   |
|       |               |                    |                      | Evening Session<br>TBD |          |           |          |          | Evei      | ning Sess<br>TBD | ion      |                      | Reception<br>TBD                  | Evening Session<br>TBD            |

<sup>\*</sup> Time or title of each session is subject to change. Details will be announced in due course.



### APRSAF Side Event Guidelines

- 1. An "APRSAF Side Event" is a meeting, conference, contest, outdoor event, or other similar event, relating to the peaceful uses of outer space, proposed and performed by APRSAF participating organizations, such as a ministry, space agency, university, academic society, international organization and private company. This is distinct from an "APRSAF Activity," which is a meeting, conference, contest, outdoor event, or other similar activity born in the plenary meeting, working groups or initiatives of APRSAF including, but not limited, workshops held by initiatives and Water Rocket Event.
- 2. The proposed side event should be related to APRSAF goals and objectives, and be relevant to the theme of the APRSAF annual session in any way possible. As general guidelines, side events should:
  - i. Address the common interests of the Asia-Pacific region;
  - ii. Meet the societal needs of the region; and
  - iii. Be implemented through regional collaborative efforts, rather than bilateral efforts.
- Side events may be held on any day during the APRSAF annual session, and are
  open to all participants of the APRSAF annual session, but are independent from
  the APRSAF program.
- 4. If the proposed event aimed for an exclusive audience (such as a closed conference), organizers are advised to consider alternative locations outside the APRSAF venue.
- 5. Organizations interested in hosting a side event should use the APRSAF Side Event Application Form to obtain approval from the co-organizers of APRSAF and the APRSAF Executive Committee. Upon receipt of the form, the co-organizers and the Committee will review the event purpose and description. As a result of the review by them, the APRSAF Secretariat might decline the application.
- 6. All side events will appear in APRSAF announcements, but publicizing the event is the responsibility of the event organizers. Printed materials can be distributed

Appendix-B

APRSAF
ASIA-PACIFIC REGIONAL
SPACE AGENCY FORUM

during the APRSAF annual session, but the APRSAF Secretariat will authorize removal of materials considered to be inappropriate.

7. Side event organizers should, on their own responsibility, arrange a meeting room and all equipment they need for the event. The APRSAF Secretariat will play no role in the arrangement of the venue, and all costs of the events shall be covered by

the event organizers.

8. A Side Event Application Form should be submitted via e-mail to the address below,

about four months before the APRSAF annual session. The specific submission

deadline will appear in the Application Form. Applications received after the

deadline will not be considered.

APRSAF Secretariat

Tel: +81-50-3362-5880 Fax: +81-3-5209-3205 E-mail: secretariat@aprsaf.org

9. Side event organizers will receive written notification of the acceptance or rejection

of their application following a review by the co-organizers and the Executive

Committee.

10. Side event organizers should report the results of their side event to the APRSAF

Secretariat after completion of the event.

For further information, please contact:

APRSAF Secretariat

Ochanomizu Sola City, 4-6 Kandasurugadai,

Chiyoda-ku, Tokyo 101-8008 Japan

Tel: +81-50-3362-5880

Fax: +81-3-5209-3205

E-mail: secretariat@aprsaf.org





### The 24th Session of the Asia-Pacific Regional Space Agency Forum 14 - 17 November 2017

## APRSAF-24 Side Event Application Form

Submission Deadline: 30 June 2017 Organization: Contact Person: Address: Telephone: Fax: E-mail: Description of the organization (400 words) or attach your organization/company brochure: Title of the Event: Event Purpose (400 words):





| Event Description (400 words):                                                                                       |             |  |         |             |  |  |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------|-------------|--|---------|-------------|--|--|--|--|--|--|
|                                                                                                                      |             |  |         |             |  |  |  |  |  |  |
|                                                                                                                      |             |  |         |             |  |  |  |  |  |  |
|                                                                                                                      |             |  |         |             |  |  |  |  |  |  |
|                                                                                                                      |             |  |         |             |  |  |  |  |  |  |
| Preferred Date(s):                                                                                                   |             |  |         |             |  |  |  |  |  |  |
|                                                                                                                      | 13 Nov.     |  | 14 Nov. | ☐ 15 Nov.   |  |  |  |  |  |  |
|                                                                                                                      | 16 Nov.     |  | 17 Nov. | ☐ Other ( ) |  |  |  |  |  |  |
|                                                                                                                      |             |  |         |             |  |  |  |  |  |  |
| I have read and understood the APRSAF Side Event Guidelines. All costs related to the side event will be covered by: |             |  |         |             |  |  |  |  |  |  |
| Name of Or                                                                                                           | ganization: |  |         |             |  |  |  |  |  |  |
| Signature:                                                                                                           |             |  |         |             |  |  |  |  |  |  |
| Printed Na                                                                                                           | me:         |  |         |             |  |  |  |  |  |  |