

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

*~ Space Technology for Enhanced Governance and Development ~*  
Bengaluru, INDIA

**- APRSAF Activities & Related Projects -**

**11 November (Saturday) - 12 November (Sunday)**

■ **Water Rocket Event (SEWG)**

Place (Nov. 11): Guest House of ISRO in Devanahalli on Airport Road  
Place (Nov. 12): Kendriya Vidyalaya, NAL Campus,

**13 November (Monday)**

■ **SAFE Initiative Workshop (SAWG)**

Place: Jupiter, Sheraton Grand Bangalore Hotel at Brigade Gateway  
Time: 9:00-17:45

■ **Kibo-ABC Initiative Workshop (SEUWG)**

Place: Neptune, Sheraton Grand Bangalore Hotel at Brigade Gateway  
Time: 9:00-13:00

■ **Space Policy Workshop**

Place: Neptune, Sheraton Grand Bangalore Hotel at Brigade Gateway  
Time: 14:30-17:45

**15 November (Wednesday)**

■ **Space for Future Society**

Place: Grand Ballroom 1, Sheraton Grand Bangalore Hotel at Brigade Gateway  
Time: 18:30-20:00

**14 November (Tuesday) - 17 November (Friday)**

■ **Poster Contest**

Place: Pre-Function Area, Sheraton Grand Bangalore Hotel at Brigade Gateway

■ **Exhibition**

Place: Pre-Function Area, Sheraton Grand Bangalore Hotel at Brigade Gateway

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14-17 November, 2017

Sheraton Grand Bangalore Hotel at Brigade Gateway

**<Day 1> Tuesday, 14 November,**

Working Group Session

Start 9:00 End 17:45				
9:00-10:45	Space Applications Working Group (SAWG) (Grand Ballroom 2)	Space Technology Working Group (STWG) (Grand Ballroom 1)	Space Environment Utilization Working Group (SEUWG) (Neptune)	Space Education Working Group (SEWG) (Jupiter)
10:45-11:15	Coffee Break			
11:15-13:00	Conf'd	Conf'd	Conf'd	Conf'd
13:00-14:15	Lunch			
14:15-15:45	Conf'd	Joint Session	STWG & SEUWG	Conf'd
15:45-16:15	Coffee Break			
16:15-17:45	Conf'd	Joint Session	STWG & SEUWG	Conf'd

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**<Day 2> Wednesday, 15 November**

Working Group Session

Start 9:00 End 17:45				
9:00-10:45	Space Applications Working Group (SAWG) (Grand Ballroom 2)	Space Technology Working Group (STWG) (Grand Ballroom 1)	Space Environment Utilization Working Group (SEUWG) (Neptune)	Space Education Working Group (SEWG) (Jupiter)
10:45-11:15	Coffee Break			
11:15-13:00	Cont'd	Cont'd	Cont'd	Cont'd
13:00-14:15	Lunch			
14:15-15:45	SEWG	Cont'd		SEWG
15:45-16:15	Coffee Break			
16:15-17:45	Joint Session SAWG & SEWG	Cont'd		Joint Session SAWG & SEWG
18:15-20:00	<b>Evening Session</b> Co-Moderator: Dr. V. Jayaraman, Indian Space Research Organisation (ISRO) Mr. Naoto Matsuura, Japan Aerospace Exploration Agency (JAXA)	<b>Space for Future Society @ (Grand Ballroom 1)</b> Agenda: <a href="http://www.aprsaf.org/annual_meetings/aprsaf24/program.php">http://www.aprsaf.org/annual_meetings/aprsaf24/program.php</a>		

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**<Day 3> Thursday, 16 November**

Plenary

General Co-chairs

**INDIA:** Mr. A. S. Kiran Kumar  
 Secretary, Department of Space (DOS), India /  
 Chairman, Indian Space Research Organisation (ISRO)

**JAPAN:** Ms. Mami Oyama  
 Deputy Director General, Research and Development Bureau, Ministry of Education,  
 Culture, Sports, Science and Technology of Japan (MEXT), Japan

Time	Title	Speaker
9:00-9:05	<b>Opening Remarks</b>	General Co-chair, Mr. A. S. Kiran Kumar Secretary, Department of Space (DOS), India / Chairman, Indian Space Research Organisation (ISRO)
9:05-9:10		General Co-chair, Ms. Mami Oyama Deputy Director General, Research and Development Bureau, Ministry of Education, Culture, Sports, Science and Technology of Japan (MEXT), JAPAN
9:10-10:50	<b>Country Reports: Focused on Space Policy</b>  <b>Moderator:</b>  Dr. P.G. Diwakar, Scientific Secretary, Indian Space Research Organisation (ISRO)  Mr. Masazumi Miyake, Director, International Relations Department, Janap Aerospace Exploration Agency (JAXA)	Mr. Mark Todd, Civil Space Regulation, Industry Growth Division, Department of Industry, Innovation and Science, AUSTRALIA
		Dr. P.G. Diwakar, Scientific Secretary, Indian Space Research Organisation (ISRO), INDIA
		Prof. Dr. Thomas Djamaluddin, Chairman, National Institute of Aeronautics and Space (LAPAN), INDONESIA
		Mr. Avi Blasberger, Director General, Israel Space Agency (ISA), ISRAEL
		Mr. Koji Saeki, Director General for International Cooperation, National Space Policy Secretariat, Cabinet Office, Government of Japan, JAPAN
		Mr. Marat Nurguzhin, Vice Minister, Ministry of Defense and Aerospace Industry, KAZAKHSTAN
		Dr. Jong Bum Kim, Director of Policy & Cooperation Division, Future Strategy Head Office, Korea Aerospace Research Institute (KARI). KOREA
		Dr. Noordin Bin Ahmad, Director General, Malaysia National Space Center (ANGKASA), MALAYSIA
10:50-11:10	<b>Coffee Break</b>	
11:10-12:10	<b>Cont'd</b>	Dr. Kwoh Leong Keong, Director, Center for Remote Imaging, Sensing and Procession (CRISP), National University of Singapore (NUS), SINGAPORE
		Dr. Ammarin Pimnoo Project manager, National Space Exploration, Geo-Informatics and Space Technology Development Agency (GISTDA), THAILAND
		Mr. Naser Al Rashedi Director of Space Policy & Regulations, UAE Space Agency (UEASA), UAE
		Ms. Neevy Laningham Asia-Pacific Regional Space Cooperation, Office of Space & Advanced Technology, The U.S. Department of State (DOS), USA
		Mr. Garvey McIntosh, NASA Asia Representative, USA
12:10-13:30	<b>Space Cooperation in Asia-Pacific Region</b>  <b>Moderator:</b>  Ms. Simonetta Di Pippo, Director, United Nations Office of Outer Space (UNOOSA)	Dr. Dao Ngoc Chien Deputy Director General, Department of High Technology, Ministry of Science and Technology, VIETNAM
		Ms. Simonetta Di Pippo Director, United Nations Office of Outer Space (UNOOSA)
		Mr. Chris Lee, Head of International Partnerships, UK Space Agency (UKSA), UK
		Ms. Erdenee Byambasuren Senior Official, Department of Strategic Planning and Program Management, Asia Pacific Space Cooperation Organization (APSCO)
		Dr. Kwoh Leong Keong, Vice Chair, ASEAN-Sub Committee on Space Technology and Application (ASEAN-SCOSA)
		Mr. Jean-Yves Le Gall President, International Astronautical Federation (IAF)
		Mr. Piyush Srivastava, Joint Secretary, South Asian Association for Regional Cooperation (SAARC) & BIMSTEC Ministry of External Affairs, Government of India
		Dr. Shashank Khurana Event Manager of AP-SGW2017, Space Generation Advisory Council (SGAC)
13:30-14:30	<b>Lunch</b>	
14:30-19:00	<b>Cultural Tour: Organized by ISRO</b>	
19:00-22:00	<b>RECEPTION: Hosted by ISRO and MEXT @ Sheraton Grand Bangalore Hotel at Brigade Gateway</b>	

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**<Day 4> Friday, 17 November**

**Main Plenary**

**General Co-chairs**

**INDIA:** Mr. A. S. Kiran Kumar  
 Secretary, Department of Space (DOS), India /  
 Chairman, Indian Space Research Organisation (ISRO)

**JAPAN:** Ms. Mami Oyama  
 Deputy Director General, Research and Development Bureau, Ministry of Education,  
 Culture, Sports, Science and Technology of Japan (MEXT), Japan

**Morning Session**

Time	Title	Speaker
9:00-9:15	<b>Opening Ceremony</b>	<b>Opening Ceremony</b>
9:15-9:35	<b>Key Note Speech</b>	Mr. A. S. Kiran Kumar Secretary, Department of Space (DOS) / Chairman, Indian Space Research Organisation (ISRO), INDIA
9:35-9:40	<b>Summary of APRSAF-23</b>	Engr. Raul Sabulase, Deputy Executive Director, Philippine Council for Industry, Energy and Emerging Technology Research and Development (PCIEERD), Department of Science and Technology (DOST), PHILIPPINES
9:40-9:45	<b>Executive Committee (ExCom) Activity Report</b>	Mr. Masazumi Miyake Chairman of APRSAF Executive Committee (ExCom)
9:45-10:00	<b>Summary Reports by Working Groups &amp; Initiatives</b>	Space Applications Working Group (SAWG), Sentinel Asia, and Space Applications For Environment (SAFE) Initiative
10:00-10:10		Space Technology Working Group (STWG)
10:10-10:25		Space Environment Utilization Working Group (SEUWG), Kibo-ABC Initiative
10:25-10:35		Space Education Working Group (SEWG)
10:35-10:50		Photo Session
10:50-11:05		Coffee Break
11:05-12:05	<b>Heads of Agency Session</b>  Moderator: Dr. Chiaki Mukai Technical Counselor, JAXA, JAPAN  Chair of the Scientific and Technical Subcommittee (STSC) of the COPUOS	Mr. Vu Viet Phuong Vice Director General, Vien Nam National Space Center (VNSC), VIETNAM
		Dr. Anond Snidvongs Executive Director, Geo-Informatics and Space Technology Development Agency (GISTDA), THAILAND
		Mr. Sergey Saveliev Deputy Director General, State Space Corporation ROSCOSMOS, RUSSIA
		Dr. Noordin Bin Ahmad Director General, National Space Agency (ANGKASA), MALAYSIA
		Dr. Chin Young Hwang Executive Director, Future Strategy Head Office, Korea Aerospace Research Institute (KARI), KOREA
		Dr. Naoki Okumura President, Japan Aerospace Exploration Agency (JAXA), JAPAN
		Mr. Avi Blasberger Director General, Israel Space Agency (ISA), ISRAEL
		Prof. Dr. Thomas Djameluddin Chairman, National Institute of Aeronautics and Space (LAPAN), INDONESIA
		Mr. A. S. Kiran Kumar Secretary, Department of Space (DOS) / Chairman, Indian Space Research Organisation (ISRO), INDIA
12:05-13:20	<b>Special Session</b> <b>"Space Technology for Enhanced Governance and Development" (organized by ISRO)</b>  Moderator: Dr. Y.V.N. Krishna Murthy, Director National Remote Sensing Center (NRSC), INDIA  Speakers: Mr. Shantanu Bhatawdekar, Director, Earth Observation System, Indian Space Research Organisation (ISRO), INDIA Mr S Surendra, Additional Chief Town Planner, TCPO, Ministry of Housing & Urban Affairs, INDIA Dr. Shibendu S. Ray, Director, National Crop Forecasting Centre, INDIA Mr. Mangsatabam Iboyaima Meitei, Director, S&T, North Eastern Council, INDIA Mr. H Rayappa, Associate Director, Satellite Communication & Navigation Prog Office, ISRO HQ., INDIA Ms Sneha Kandula, Deputy Project Director, Command Area Development Authority, Government of Telangana, INDIA	
13:20-14:45		Lunch

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**<Day 4> Friday, 17 November**

**Main Plenary**

**General Co-chairs**

**INDIA:** Mr. A. S. Kiran Kumar  
 Secretary, Department of Space (DOS), India /  
 Chairman, Indian Space Research Organisation (ISRO)

**JAPAN:** Ms. Mami Oyama  
 Deputy Director General, Research and Development Bureau, Ministry of Education,  
 Culture, Sports, Science and Technology of Japan (MEXT), Japan

**Afternoon Session**

Time	Title	Speaker
14:45-15:30	<b>Space Policy Session</b>  <b>Moderator:</b> <b>Dr. RR Navalgund</b> <i>Honorary Distinguished Professor, Indian Space Research Organisation (ISRO), INDIA</i>  <b>Speakers:</b> <b>Dr. Dao Ngoc Chien, Deputy Director-General, Department of High Technology, Ministry of Science and Technology (MOST), VIETNAM</b> <b>Dr. Anond Snidvongs, Executive Director, Geo-Informatics and Space Technology Development Agency (GISTDA), THAILAND</b> <b>Dr. Noordin Bin Ahmad, Director General, National Space Agency of Malaysia (ANGKASA), MALAYSIA</b> <b>Dr. Chin Young Hwang, Executive Director, Future Strategy Head Office, Korea Aerospace Research Institute (KARI), KOREA</b> <b>Mr. Koji Saeki, Director General for International Cooperation, National Space Policy Secretariat, Cabinet Office, JAPAN</b> <b>Mr. Agus Hidayat, Director, Center for Aerospace Policy Studies, National Institute of Aeronautics and Space (LAPAN), INDONESIA</b> <b>Mr. K. Sethuraman, Director, Satellite Communication and Navigation Programme Office, Indian Space Research Organization (ISRO), INDIA</b>	
15:30-16:15	<b>Space Exploration Session</b>  <b>Co-Moderators:</b> <b>Dr. Anil Bhardwaj, Director, Physical Research Laboratory, Indian Space Research Organisation (ISRO), INDIA</b> <b>Ms. Mika Shozaki, Director, Office for Space Utilization Promotion, Ministry of Education, Culture, Sports, Science and Technology of Japan (MEXT), Japan</b>  <b>Speakers:</b> <b>Dr. S. Seetha, Programme Director, Space Science Office, Indian Space Research Organisation (ISRO), INDIA</b> <b>Dr. Koichi Wakata, ISS Program Manager, Astronaut, Japan Aerospace Exploration Agency (JAXA), JAPAN</b> <b>Dr. Gi Hyuk Choi, Director, Convergence Technology Research Center, Korea Aerospace Research Institute (KARI), KOREA</b> <b>Mr. Sergey Saveliev, Deputy Director General, State Space Corporation ROSCOSMOS, RUSSIA</b> <b>Mr. Abdulla Al Marar, Space Technology Senior Specialist, Department of Space Missions, UAE Space Agency (UAESA), UAE</b>	
16:15-16:30	<b>Coffee Break</b>	
16:30-17:15	<b>Asia-Pacific Space Leaders Roundtable</b> <b>Moderator: General Co-chairs</b> Leaders from the Asia-Pacific region are invited to share their observation on APRSAF as well as their visions for building a future through space science, technology and innovation.	
17:15-17:20	<b>Announcement of APRSAF-25</b>	
17:20-17:35	<b>Joint Statement</b>	
17:35-17:45	<b>Closing Remarks by General Co-chairs</b>	