

Space Environment Utilization Working Group

Co-Chairs: Dr. S. Seetha, ISRO and Mr. Fumiaki Tanigaki, JAXA

Tuesday, November 14

Introduction and Country Reports			Neptune
9:00	Opening Remarks	10min	Co-Chairs
9:10	Review of SEUWG Recommendations from APRSAF-23	10min	Mr. Kazuo Umezawa, JAXA
SEU Country Report			
9:20	Kibo Space Experiment Activities in Japan	15min	Mr. Fumiaki Tanigaki, JAXA
9:35	Update status of Indonesian space activities	15min	Ms. Clara Y. Yatini, LAPAN
9:50	Space Environment and Utilization Activities in Malaysia 2017	15min	Mr. Helmy Hashim, ANGKASA
10:05	Space Environment Utilization Activities in the Philippines	15min	Dr. Rogel Mari Sese, DOST
10:20	Thailand Space Science Experiment & Exploration	15min	Ms. Napasorn Jongjittanon, GISTDA
10:35	Updates from Singapore	15min	Ms. Jermaine Tan, SSTA
10:50	VNREDSat-1 and Space Technology in Vietnam	15min	Mr. Nguyen Tuan Dat, STI
11:05	Photo Session / Coffee Break	15min	
Host Country Session			
11:20	Overview of SEU Activities in India	15min	Dr. S. Seetha, ISRO
11:35	Ionization Density and Electric field Analyzer (IDEA) Experiment for Probing near Earth Space Environment onboard PSLV	15min	Dr. Manju G., SPL
11:50	Build-up and Release of Sunspot Magnetic Complexity	15min	Ms. Heta A. Patel, KSV
12:05	Study of Characteristics of ICME in 23 Solar Cycle	15min	Ms. Dipali Burud Sadashiv, KSV
12:20	Space Environment: High Energy Radiation Dose from Solar Flare	15min	Ms. Sneha Chaudhan, KSV
12:35	Study of Solar Flares Associated with CMEs Affecting the Geosphere	15min	Ms. Veena Manohar Choithani, KSV
12:50	Adjourn		

Small Satellite Special Session (Joint with ST-WG)

GBR1

Co-Chairs: Dr. M. Annadurai, ISRO and Mr. Kazuo Umezawa, JAXA

14:15	Opening Remarks	5min	Co-Chairs
Launching Opportunities for Small Satellites			
14:20	Small Satellite Deployment Platform using ISS/Kibo	15min	Mr. Kunihiro Matsumoto, JAXA
14:35	Overview of PSLV for Launching Small Satellite from India	15 min	Mr. D. Radhakrishnan Antrix, ISRO
On-Going Projects			
14:50	DIWATA-1: Philippine's First Earth-Observation Microsatellite	15min	Mr. Delburg Mitchao, PHL-MICROSAT Program
15:05	Activity of International Small Satellite Development in Kyutech (AOBA-VELOX 4, SPATIUM, and BIRDS)	15min	Prof. Sangkyun Kim, Kyutech
15:20	UBAKUSAT	15min	Dr. Ali Baygeldi, Ministry of Transport Maritime and Communication, Turkey
15:35	Introduction of JAXA Education Programs on Test Technologies for Space Vehicle Design verification	15min	Dr. Qinzhong, Shi, JAXA
15:50	Photo Session / Coffee break	30min	

Planning and Developing Projects			
16:20	SpoQy-1	15min	Ms. Jermaine Tan, SSTA
16:35	Progress of MYSat: A 1U CubeSat for Electron-Density Measurement	15min	Mr. Helmy Hashim, ANGKASA
16:50	Progress Report of Surya Satellite-1, the First Nanosatellite Made by Indonesian Student	15min	Prof. Risa Muhida Surya, SU
17:05	Lesasat	15min	Dr. Sasit Chuasomboon, LESA
Other Effort for Capacity Building (through Small Sat Activities)			
17:20	Capacity Building in Small Satellite - ISRO Initiative	15min	Mr. G. Nagesh, ISRO
17:35	KARI International Space Training	15min	Ms. Eun Jun Lee, Head of External Relations Team, KARI
17:50	Adjourn		

Wednesday, November 15

Material Exposure and Microgravity			Neptune
Co-Chairs: Dr. S. Seetha, ISRO and Mr. Fumiaki Tanigaki, JAXA			

9:00	Review of Day 1	10min	Co-Chairs
"Kibo" Utilization Opportunities			
9:10	Overview of Kibo Utilization Platform	20min	Mr. Kunihiro Matsumoto, JAXA
Material Exposure Experiment Projects			
9:30	Turkish ExHAM Project	15min	Dr. Bulent Alicioglu, ASELSAN
9:45	Malaysian ExHAM Project	15min	Mr. Helmy Hashim, ANGKASA
Microgravity Experiment Projects			
10:00	Technology Development for Cultivating Life in Space	15min	Dr. Bushra Jarullah, KSV
10:15	Effects of Hypergravity on Haematopoietic Development in the Zebrafish.	15min	Dr. Senthil Kumar H., VIT Univ.
10:30	Growth of Quasicrystals aboard Indian Microgravity Platform (SRE-I)	15min	Dr. S.C. Sharma, ISRO
10:45	Coffee Break	30min	
Other Opportunities			
11:15	United Nations Cooperation Activities on Human Space Technology	15min	Dr. Aimin Niu, UNOOSA
11:30	Business from Space Science Research	15min	All (Led by Mr. Paritat Theanthong, NSTDA)
11:45	Wrap up - Review of Recommendations and Action Items	30min	Co-Chairs
12:15	Adjourn		