

TENTATIVE PROGRAM
SPACE ENVIRONMENT AND KIBO UTILIZATION
WORKSHOP (SEKUW)

9-10 February 2017

Vayupak Center, Centra Hotel at Government Complex Centre, Chaeng
Wattana, Bangkok, Thailand

VENUE	Room BB404 Vayupak Center Centra by Centara Government Complex Hotel & Convention Centre Chaeng Wattana, Bangkok, Thailand
DAY-1	
Thursday, 9 February 2017	
Opening SEKUW Day-1 Co-Chairs: Dr.Kritsachai Somsaman (NSTDA), Mr.Fumiaki Tanigaki(JAXA) M.C.: Ms. Napasorn Jongjittanon (GISTDA)	
08:00-12:00	Registration
12:00-13:00	Lunch Break
13:00-13:20	SEKUW report (Dr. Kritsachai Somsaman)
	Opening and Welcoming Speech Dr.Anond Snidvongs Executive Director Geo-Informatics and Space Technology Development Agency (GISTDA)
	Opening Speech Mr. Jun Gomi Director for Management and Integration Department, Human Spaceflight Technology Directorate, Japan Aerospace

13:20-13:30	Exploration Agency (JAXA) Presented the souvenir to the director, photo session Introduction to JAXA space mission and collaboration Mr. Masanobu Tsuji Director for JAXA Bangkok Office, JAXA
13:30-13:40	Introduction of SEKUW Meeting Objectives Ms. Yoshimi Osada Associate Senior Engineer, JEM (Kibo) Utilization Center Human Spaceflight Technology Directorate, JAXA
Kibo/ISS Utilization Overview	
13:40-14:00	The Latest Status of Kibo Utilization Mr. Fumiaki Tanigaki Associate Senior Engineer JEM (Kibo) Utilization Center. Human Spaceflight Technology Directorate, JAXA
Collaborative Program “Kibo-ABC Initiatives”	
14:00-14:20	Thailand Space Education and Asian Try Zero-G 2017-2018 Dr. Kritsachai Somsaman Director of Science Media Division National Science and Technology Development Agency (NSTDA)
14:20-14:40	Thailand - National Space Exploration 2017 Dr. Ammarin Pimnoo Researcher and Satellite Engineer, GISTDA Academy, Geo-Informatics and Space Technology Development Agency (GISTDA)
14:40-14:50	Photo session
14:50-15:10	Coffee Break
15:10-15:40	Special Session Kibo-ABC programs: Thai Students' Experiences 1.Mr.Tanapat Deesuwan Lecturer, Learning Institute For Everyone ▪ Parabolic Flight Batch #2 / 2007 2.Mr.Veerapol Sae-Wang Automotive Engineer, Thai Oil Public Co., Ltd.

15:40-16:00	3. Dr. Sawat Tantiphawadi	<ul style="list-style-type: none"> ▪ Parabolic Flight Batch #6 / 2011 Advisor and Special Instructor, Pattani Industrial and Community College
	4. Mr. Tanapoom Jamphon	Science Student, Panyarat High School <ul style="list-style-type: none"> ▪ SPSS President Award Winner, 30th ISTS ▪ Space Seeds for Asian Future 2013
	5. Mr. Worawut Janhom	Mechanical Engineering Student, KMUTT <ul style="list-style-type: none"> ▪ Asian Try Zero-G 2016
	Moderator: Mr. Paritat Theanthong	
	Project Coordinator, National Science and Technology Development Agency (NSTDA)	

Kibo Utilization Activities from Asian Countries

16:00-16:20	Singapore Space Activities Mr. Cheng Hai Tan Singapore Space and Technology Association (SSTA)
16:20-16:40	application Dr. Tai Nakamura Professor, Asian Institute of Technology (AIT) / Senior Advisor to the Director, JAXA
16:40-16:50	Q&A, Discussion and Summary : Day-1

DAY-2

Friday, 10 February 2017

SEKUW Day-2

Co-Chairs: Dr. Kritsachai Somsaman (NSTDA), Mr. Fumiaki Tanigaki (JAXA)

M.C.: Miss Napasorn Jongjittanon (GISTDA)

08:30-09:00	Registration
Kibo's Microgravity Experiments	
09:00-09:10	Welcoming and Introduction for the 2nd Day of Workshop By Co-Chairs

09:10-09:30	Thailand's STEM Revolution Mr. Krit Kunplin Ambassador of U.S. Space & Rocket Center
09:30-10:00	Operation process of Space experiment on Kibo/ISS <i>"How to create your new mission, How to work with onboard Astronaut"</i> <ul style="list-style-type: none"> ▪ Mr. Toru Mori ▪ Mr. ShusukeOchiai Senior engineer, Advanced Engineering Services (AES)
10:00-10:20	In Vitro Flowering of Indica Rice Dr. Suriyan Cha-um Researcher National Center for Genetic Engineering and Biotechnology (BIOTEC)
10:20-10:30	Q&A
10:30-10:50	Coffee Break and Visiting Exhibition
Small Satellite and CubeSat Mission on Kibo/ISS	
10:50-11:10	Small satellite mission from Kibo ; "J-SSOD : JEM Small Satellite Orbital Deployer" < J-SSOD Utilizations Planning & Key Activities > Mr. Hideyuki Watanabe Associate Senior Engineer JEM Mission Operations and Integration Center Human Spaceflight Technology Directorate, JAXA
11:10-11:30	CubeSat Observation Mission by LESA Mr. Sasis Chuasomboon Learning Center for Earth Science and Astronomy (LESA)
11:30-12:00	KNACKSAT : The 1st Operation CubeSat of Thailand Assoc. Prof. Dr. Suwat Kuntanapreeda Department of Mechanical and Aerospace Engineering Faculty of Engineering, King Mongkut's University of Technology North
12:00-13:00	Lunch Break

13:00-13:40	GNSS / Navigation Satellite and Data Receiver Technology <ul style="list-style-type: none"> ▪ Mr. Raksit Thitipatanapong Engineer, Smart Mobility Research Center, Chulalongkorn University ▪ Mr. Sanya Klongnaivai IFST; IOT Tech Startup (Co-founder)
13:40-14:00	Small Satellite Development Technology Dr. Sawat Tantiphawadi Special Instructor, Pattani Industrial and Community College
14:00-14:30	Q&A
14:30-14:50	Coffee Break and Visiting Exhibition
Small Materials Exposed Experiment on Kibo/ISS	
14:50-15:10	Kibo Space Exposure Experiment "ExHAM" Mr. Hideyuki Watanabe Associate Senior Engineer, JEM Mission Operations and Integration Center, Human Spaceflight Technology Directorate, JAXA
15:10-15:30	Q&A: J-SSOD and ExHAM JAXA
Summary	
15:30-16:00	<ul style="list-style-type: none"> ▪ Discussion and Summary ▪ Closing Remarks

Remark: Agenda subject to change