

FINAL ANNOUNCEMENT

APSCO International Symposium on Space Cooperation for the Asia-Pacific Region

**July 20-24, 2009
Pattaya, Thailand**

**Organizers: Asia-Pacific Space Ministry of Information and
Cooperation Organization Communication Technology
(APSCO) of Thailand (MICT)**

**Supporters: Ministry of Industry and Information Technology of the People's
Republic of China (MIIT)
United Nations Office for Outer Space Affairs (UNOOSA)
The Committee on Data for Science and Technology (CODATA)**

Registration

Registration time will be from 9:00-16:00 of July 20, and 8:30-9:20 of July 21, 2009. There will be a registration desk in front of the meeting room.

MICT, the local organizer, would like to provide partial hotel rooms, all meals, and the welcome dinner.

Presentation

All invited keynote speeches and presentations will be allotted within scheduled minutes, with 5 minutes for questions and discussions afterwards.

Publication

A full paper (electronic version) from participants who are going to give presentations will be asked to submit to following address by **15 July 2009** for publication. All invited keynote speeches and presentations (electronic version) will be collected at the registration desk. The Secretariat will publish the corpus after the Symposium, and distribute to every participant.

Meeting Secretariat Contact Point	Cc:
Ms. Gao Ye (Yoyo)	Ms. Chananporn Ponpadung
Tel: 86-10-88271277 Ext.21	Tel: 66 2 141 6874
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Transportation between airport and hotel

For your convenience, APSCO will provide the transportation between airport and hotel for all participants based on your arrival and departure time, MICT will help to arrange the vehicles with sign of APSCO/MICT on it to pick you up at airport and hotel by then. Please make sure to send your travel information including arrival and departure date, time, flight number, air company name and etc. to local contact person no later than **15 July 2009**. We appreciate for your cooperation.

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Agenda

July 21st, 2009 Tuesday		
(venue: Ballroom at lobby floor, Pattaya Marriott Resort& Spa Hotel)		
08:30—09:20 Registration		
09:30—10:20 Opening Ceremony (MC: Ms. Patima Arphasilp)		
Introduction	Ms. Patima Arphasilp, (MICT, Thailand)	
Welcome Address	Local Government (MICT, Thailand)	
Opening Address	Dr. Zhang Wei (APSCO)	
Address	Mr. Lin Sen (MIIT, China)	
Address	Mr. Niklas HEDMAN (UNOOSA)	
Address	Mr. Khiam Jin Lee (UNESCAP)	
Group Photo	All participants	
10:20—10:30 Tea Break at Ballroom Terrace		
Session A: Space Activities, Statues and Development (Chairperson: Mr. Juan Enrique PASCO)		
10:30—10:55	Keynote Speech: Introduction on APSCO Program Planning (APSCO)	Dr. Li Mengxue
10:55—11:20	The role of COPUOS and UNOOSA in promoting international cooperation in space activities (UNOOSA)	Mr. Niklas HEDMAN
11:20—11:45	Satellite Engineering for Thailand (Thailand)	Dr. Sujate Jantarang

11:45—12:10	Keynote Speech: CE-1 Orbiter & Its Scientific Achievements and the largest update of CLEP (China)	Dr. Ye Peijian
12:10 — 14:00	Lunch Break at Benihana Restaurant	
	(Chairperson: Mr. Nyamkhuu TSOODOL)	
14:00—14:20	Views and Experiences on the Co-operation in the field of Remote Sensing Technology and Remote Sensing Satellite Data Applications (Bangladesh)	Dr. Shah Alam
14:20—14:40	Chinese Meteorological Satellite and Application in Disaster Monitoring and Service (China)	Dr. Liu Jian
14:40—15:00	Introduction of Iran's space program and satellite application (Iran)	Mr. Rahmatallah Khazaei
15:00—15:20	Pakistan's Space Program –An Overview (Pakistan)	Mr. Imran Iqbal
15:20—15:40	Space Agency of Peru Research and Development Activities (Peru)	Dr. Juan Enrique Pasco
15:40 — 16:00	Tea Break at Ballroom Terrace	
16:00—16:20	Current LAPAN Program on Satellite Technology and Application Development (Indonesia)	Dr. Abdul Rahaman
16:20—16:40	Satellite System Development Reliability Analysis Capability of TUBITAK UZAY (Turkey)	Dr. Ilknur Baylakoglu
16:40—17:00	Introduction of Chinese Land Observation Satellites and Data Distribution (China)	Dr. Chen Weirong
17:00—17:20	Preservation of and Access to Scientific and Technical Data in Developing Countries (CODATA)	Prof. Gu Xingfa

18:00—20:00	Welcome dinner and Thai Classical Show (Venue: Sala Rim Nam, Pattaya Marriott Resort & Spa hotel)	MICT
July 22nd, 2009 Wednesday (Venue: Ballroom at lobby floor, Pattaya Marriott Resort & Spa Hotel)		
Session B: Satellite Earth Observation Technology and Applications (Chairperson: Mr. Rahmatallah KHAZAEI)		
9:00—9:30	Keynote Speech: Appropriate spatial resolution of sensors based on heterogeneity of land surface (China)	Prof. Li, Chuanrong
9:30—9:50	Robust Attitude Control of Small Spacecraft Subjected to Geomagnetic Field Uncertainty (Thailand)	Dr. Peerawat Artitthang
9:50—10:10	Statistical Orbit Determination for Low-Earth-Orbit Spacecraft using Code Information of Global Position System (GPS) Signals (Thailand)	Dr. S.Purivigraipong
10:10—10:30	High Data Rate X-Band Transmitter for Low Earth Orbit Satellite (Turkey)	Dr. Tunahan Kirilmaz
10:30-10:50	Tea Break at Ballroom Terrace	
10:50—11:10	A Preliminary Study on Hyperspectrum Data of HI-1A Satellite (Thailand)	Dr. Mongkol Raksapatcharawong
11:10—11:30	WGISS/CEOS' Contribution to the GEOSS Infrastructure (CODATA)	Dr. Pakorn Apaphant
11:30—11:50	An Improvement of Rainfall Estimation in Thailand using FY-2C Infrared Data (Thailand)	Dr. Watcharee Veerakachen
11:50—12:10	Methodology of Data Integration in Moderate Scale for Land Ecosystem Assessment in Great Mekong Subregion (CODATA)	Prof. Liu Chuang
12:10—14:00	Lunch Break at Garden Café	
	(Chairperson: Mr. Mongkol Raksapatcharawong)	
14:00—14:20	Evaluation of Ground Deformation for the Reclaimed Foundation in Hongkong International Airport using ASAR PSI Methods (Hongkong, China)	Dr. Lin hui

14:20—14:40	Spacecraft Orbit Determination using the Filtering Estimator (Thailand)	Dr. S. Purivigraipong
14:40—15:00	On the End-Member Estimation for the Sub-Classifer Based on the Linear Mixture Model (Thailand)	Dr. Teerasit Kasetkasem
15:00—15:20	Environment and Disaster Monitoring Forecasting Small Satellite Constellation — SMMS&HJ-1B Mission Introduction (China)	Dr. Shenzhong
15:20—15:40	Potential Use of Object-oriented Analysis Technique to Land Use Classification of Satellite Data (Thailand)	Dr. V. Wanpiyarat
15:40—16:00	Tea Break at Ballroom Terrace	
16:00—16:20	Simulation at Ku- and Ka-band of Space-based Radar Observations of Precipitations (Thailand)	Mr. Direk Khajonrat
16:20—16:40	The Application of CEBERS and HJ1A/1B Satellite (China)	Dr. Fu Qiaoyan
16:40—17:00	Estimating Canopy Chlorophyll Concentration and Leaf Area Index from HJ-1A Hyperspectral data (CODATA)	Prof. Wang Jinnian
17:00—17:20	Space Applications for Watercourse Management in Pakistan (Pakistan)	Mr Jaweed A Queshi
18:00	Dinner at Pool Side	

July 23rd, 2009 Thursday

(Venue: Ballroom at lobby floor, Pattaya Marriott Resort & Spa Hotel)

Session C: Satellite Communication Technology and Applications (Chairperson: Mr. Imran IQBAL)

9:00—9:30	Keynote Speech: China Communication Satellite Capability and International Cooperation (China)	Dr. Li Litan
9:30—9:50	The Current Situation of in use of Satellite Communication in Mongolia, and its Future Perspectives (Mongolia)	Mr. Ts. Nyamkhuu

9:50—10:00	Prediction of Daily Rain Attenuation Distribution on Earth-Satellite Path in Southeast Asia based on Long-term Rainfall Statistics and Rachan's Model (Thailand)	Dr. Suthi Aksornkitti
10:00—10:20	A Development of Ka-Band Satellite Model for Small Multi-Mission Satellite (SMMS) and Its Application (Thailand)	Dr. Mongkol Raksapatcharawong
10:20—10:40	Tea Break at Ballroom Terrace	
10:40—11:00	Broadband Satellite for Digital Inclusion (Thailand)	Dr. Udomsak Leungkhwan
11:00—11:20	Effect of Ionosphere Scintillation on the Accuracy of Global Positioning System (Thailand)	Dr. Rose Aksornkitti
11:20—11:40	Satellite Communication System based on DVB-RCS (China)	Dr. Wang Xiwei
12:00—14:00	Lunch Break at Garden Café	
14:00—17:00	Technical Visit to THEOS Ground Control Station	Arranged by MICT
18:00	Dinner at More Bar Restaurant	

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