



The 15th Multi-GNSS Asia Annual Conference

**March 4th-6th, 2025
Duangjitt Resort & Spa, Phuket, Thailand**

Supported by



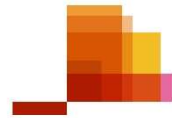
PROGRAM
as of **February 27th**

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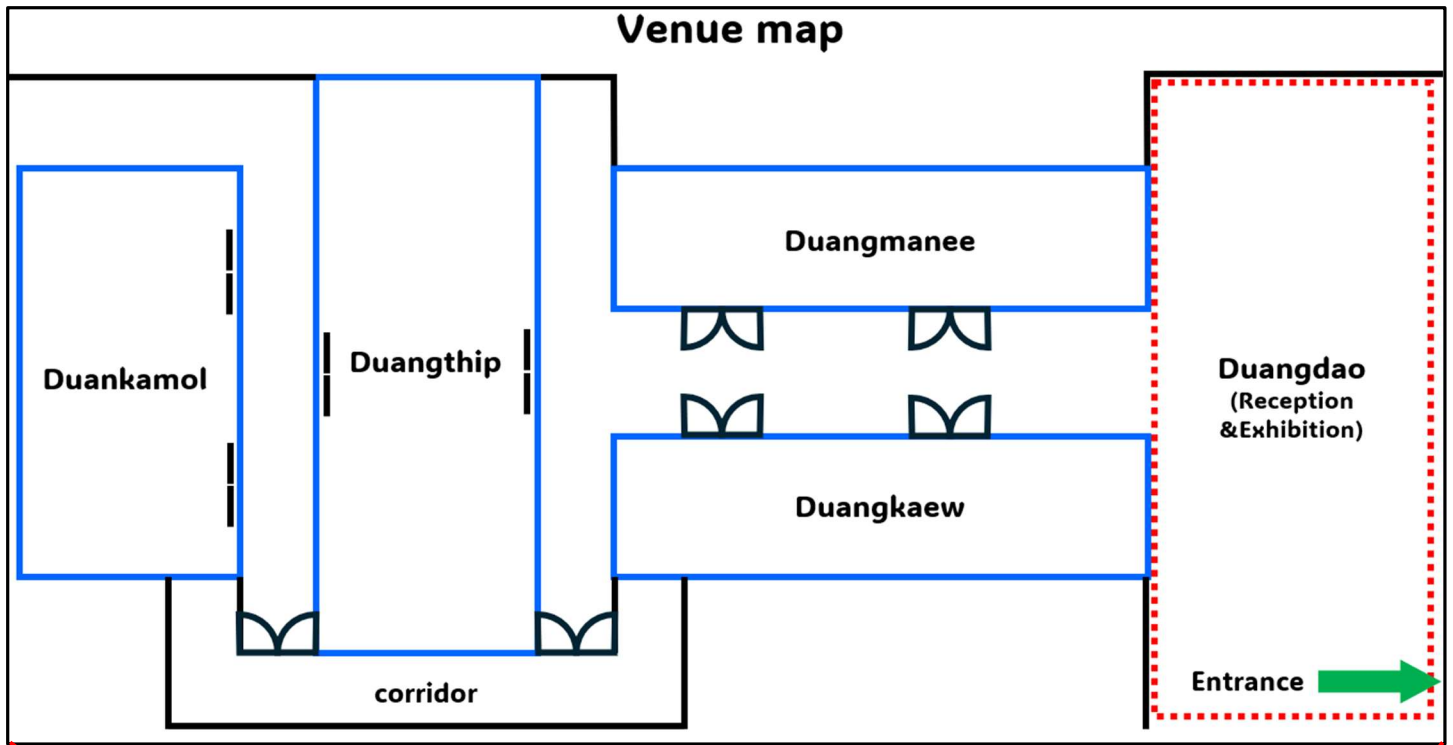


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Duangjitt RESORT & SPA

Accommodation

1 Junior Suite and Suite	5 Deluxe Garden Wing
2 Grand Deluxe	6 Deluxe Bungalow Sino
3 Family Suite	7 Deluxe Gasalong
4 Deluxe Bungalow Premium	8 Superior

Facilities

A Wimarn Spa, Fitness
B Lobby, Reception, Giftshop
C Business Center, Tailor Shop
D Banburee Restaurant
E Bussarakam Swimming Pool
F Morakot Swimming Pool
G Noppakaow Swimming Pool
H Kid's Club
I Thomtong Restaurant
J Self Service Ironing Centre
K Duangchanok Convention Hall

Event Callouts:

- Dinner Reception on Mar 4th** (near facility F)
- Lunch & Break** (near facility I)
- Demo on Mar 6th** (near facility G)
- MGA** (near facility K)

PATONG BEACH

Duangjitt Resort & Spa
 18 Prachanukroh Road, Patong Beach, Kathu
 Phuket 83150 Thailand

Side events: ICG relative meetings: March 3 rd	
TIME	SESSION / TITLE
9:00-1700	IGMA and PS (Performance Standard) Workshop Room: Duangkamol
14:00-17:00	PPP (Precise Point Positioning) Interoperability Workshop Room: Duangkaew
17:00-19:00	MGA Steering Committee Meeting Room: Duangkaew

Side events: ICG relative meetings: March 4 th	
TIME	SESSION / TITLE
9:00-12:00	IGMA and PS (Performance Standard) Workshop ICG WG-D meeting Room: Duangkaew

Day 1: March 4 th	
TIME	SESSION / TITLE
16:30-17:00	Welcome Speeches Room: Duangthip <ul style="list-style-type: none"> ● MGA co-chair - Dr. Damrongrit Niammuad ● GISTDA – Dr. Pakorn Apaphant, ● Cabinet Office, Government of Japan -Mr. Kenji Mikami ● ICG (UNOOSA) – Ms. Sharafat Gadimova
17:00-17:50	MGA Platinum Sponsor’s talk Room: Duangthip <ul style="list-style-type: none"> ● Mr. Matsuaki Kato (PwC) ● Prof. Naohiko Kohtake (SSIL)
18:00-21:00	Dinner Reception & Networking / Venue: Around Pool F (Morakot Swimming Pool)

DAY 2: March 5 th	
TIME	SESSION / TITLE
10:00-12:30	System Provider Session Room: Duangthip -Moderated by Mr. Jeff M. Auerbach
10:05-10:20	● Beidou- Ms. DU Juan
10:20-10:35	● Galileo-Mr. Dominic Hayes
10:35-10:50	● GLONASS-Mr. Svyatoslav Zhilenko (ROSCOSMOS State Space Corporation)
11:00-11:15	● GPS-Dr. Christopher Erickson
11:15-11:30	● SouthPAN-Mr. Martin Pawlukowski
11:30-11:45	● NavIC-
11:55-12:10	● QZSS-Mr. Kenji Mikami (Cabinet Office)
12:10-12:25	● KPS-Ms. Sujin Park (KSA)
12:30-13:30	Lunch Break / Thomtong Restaurant
13:30-15:00	Emerging System session LEO-PNT Room: Duangthip

Presentation 13:30-14:30 Q&A 14:30-15:00	-Moderated by Dr. Masaya Murata <ul style="list-style-type: none"> ● Dr. Alexander Mitelman (USDOT) (in-person) ● Mr. Patrick Shannon (TrustPoint) (remote) ● Mr. Bryan Chan (Xona Space) (remote) ● Mr. Pietro Giordano (ESA) (remote) ● Dr. Daehee Won (KARI) (remote) ● Dr. Yoji Takayama (Furuno Electric) (in-person) ● Dr. Masaya Murata (JAXA) (in-person)
15:30-16:00	MGA Diamond Sponsor's talk Room: Duangthip <ul style="list-style-type: none"> ● SoftBank Corporation
16:00-17:30 Presentation 16:00-17:00 Q&A 17:00-17:30	Emerging System session, Lunar PNT Room: Duangthip -Moderated by Dr. Masaya Murata <ul style="list-style-type: none"> ● Mr. Joel Parker (NASA) (remote) ● Dr. Javier Ventura-Traveset (ESA) (remote) ● Ms. Cheryl Gramling (NASA) (remote) ● Mr. Ricardo Verdeguer Moreno (Spirent) (in-person) ● Dr. Jung Min Joo (KARI) (in-person) ● Dr. Ashish K Shukla (ISRO) (remote) ● Ms. Siliang Yang (DSEL) (remote) ● Dr. Masaya Murata (JAXA) (in-person)

DAY 3: March 6th		
TIME	SESSION / TITLE	SESSION / TITLE
	Application Session	Research Session
9:30-10:30	Disaster and Environmental problem mitigation & early warning Room: Duangthip -Moderated by Prof. Suelynn Choy <ul style="list-style-type: none"> ● Prof. Suelynn Choy (RMIT) <i>Detection of Weather and Climate Extremes Using Ground-based GNSS Atmospheric Parameters</i> 9:30-9:50 ● Mr. Thoatsawat Fukaitisut (GISTDA) 09:50-10:10 ● Dinesh Manandhar (University of Tokyo) & Avinab Malla, Institute of Engineering, Tribhuvan University <i>Early Warning System for Glacier Lake Outburst Flood (GLOF)</i> 10:10-10:30 	High Accuracy GNSS positioning Room: Duangkamol - Moderated by Prof. Nobuaki Kubo <ul style="list-style-type: none"> ● Dr. Kaito Kobayashi (TUMSAT) <i>Summary of MADOCA-PPP accuracy assessment in Asia-Oceania region from 2020</i> 9:30-9:45 ● Dr. Rosalie Reyes (University of Philippines) <i>High Precision Positioning for Land Subsidence Monitoring</i> 9:45-10:00 ● Mrs. Ellarizza Fredeluces (TUMSAT) <i>Modified RTK-GNSS in Challenging Environments + Precise Positioning Challenge</i> 10:00-10:15 ● Napat TKS(KMITL) (remote) <i>GNSS positioning impact induced by ionospheric irregularity during high solar activity</i> 10:15-10:30

10:30-11:00	Break / Thomtong Restaurant	
11:00-12:00 [20 mins for each]	Demo Session <ul style="list-style-type: none"> ● Ocean Solutions Technology Co. Ltd, Room: Duangthip&Duangkamol / Pond next to Duanchanok Convention Hall ● JAXA Venue: Duangthip&Duangkamol / East side of Pool G (Noppakaow Swimming Pool) ● NTT Data with team TAF -on behalf of Cabinet Office Venue: Same as the above 	
12:00-13:00	Lunch Break / Thomtong Restaurant	
13:00-14:00	GNSS service for mass market Room: Duangthip -Moderated by Mr. TAN Hua Seng Jimmy <ul style="list-style-type: none"> ● Mr. TAN Hua Seng Jimmy 13:00-13:20 ● Prof. Naohiko Kohtake (Keio University) 13:20-13:40 ● Mr. Fuya Ezuka (JAXA) 13:40-14:00 	Enhancing PNT Capabilities Through Multi-Sensor Integration Room: Duangkamol -Moderated by Prof. Chalermchon Satirapod <ul style="list-style-type: none"> ● Dr. Surachet Srinara (graduated from NCKU, Taiwan) <i>An integrated approach to enhance Positioning, Navigation, and Timing (PNT) capabilities using multiple sensors in intelligent vehicle applications</i> 13:00-13:20 ● Ms. Anuthida Ritthiphan (Department of Survey Engineering, Chulalongkorn University, Thailand) <i>Lane Marking Detection Using Mobile Mapping System Technology with Clustering Technique</i> 13:20-13:40 ● Mr. Cheng-Wei Wang (National Cheng Kung University) <i>Performance Analysis of MADOCA-Enhanced Tightly Coupled PPP/IMU</i> 13:40-14:00
14:00-15:00	ICG related activities Room: Duangthip -Moderated by Satoshi Kogure <ul style="list-style-type: none"> ● Dr. Rui Hirokawa (PPP Interoperability Taskforce) ● Mr. Satoshi Kogure (IGMA Taskforce) ● Dr. Alexander Mitelman (PS Taskforce) ● Ms. Allison Craddock (ICG WG-D) 	Enhancing GNSS Reliability (security, authentication, robustness) Room: Duangkamol -Moderated by Prof. La The Vinh <ul style="list-style-type: none"> ● Dr. Nguyen Dinh Thuan (HUST) <i>Using software defined radio (SDR) for generating GNSS signals</i> 14:00-14:15 ● Dr. Hoang Van Hiep (HUST) <i>Using carried-smoothed pseudorange for GNSS spoofing detection</i> 14:15-14:30 ● Mr. Loh Eng Chu (SLA)

		14:30-14:45 ● (SLA & Tokyo University) 14:45-15:00
15:00-16:00	Gold Sponsor Session + Closing session Room: Duangthip -Moderated by Mr. Satoshi Kogure ● Mr. Yamamoto Takahiro (CORE CORPORATION) <i>QZSS Solution: Cohac[∞] and ChronoSky</i> ● VIAVI Solutions Closing address MGA Co-chair Satoshi Kogure	