

# The 8<sup>th</sup> Multi-GNSS Asia (MGA) Conference



# Multi-GNSS Asia Conference Report

6<sup>th</sup> June, 2017

The 18<sup>th</sup> Providers' Forum

MGA Secretariat

# Conference Overview (1/3)

## The 8<sup>th</sup> MGA Conference

Date: November 14 – 16, 2016

Place: Sofitel Philippine Plaza Manila  
Metro Manila, The Philippines

Jointly organized by:



Supported by:



# Conference Overview (2/3)



## Diamond Sponsors:



## Platinum Sponsors:



## Gold Sponsors:



## Silver Sponsor:



# Conference Overview (3/3)

254 participants from many organizations including universities, related research institutes, government agencies, International organizations and companies gathered from 23 countries.





# Conference Agenda included



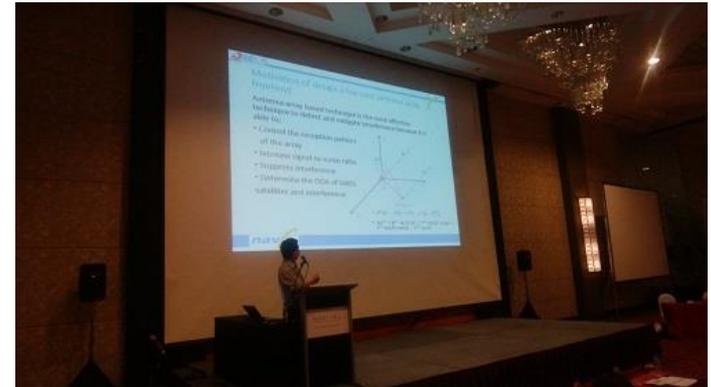
- November 14
  - Opening Ceremony and Plenary Session
  - Academia Session
  - Industrial Session
  - Students and Young Professionals Forum
- November 15
  - Group Discussions (LBS, DMM, ITS and PP)
- November 16
  - SAWG-MGA Joint Session
  - Opportunities for researchers, start-ups and businesses
  - Demo Session
  - Special Session for the Philippines
  - MGA Annual Activities Report and Closing Session

# Session Summary (1/6)

## [Academia Session]



- This Session was organized to provide the opportunities among related researchers to introduce their new results, share ideas and plans, and exchange information on multi GNSS.
- There were 16 presentations in total.



# Session Summary (2/6)

## [Industrial Session]



- This session, titled "Opportunities for multi-GNSS industrial cooperation across continents“, featured presentations by key European and Asian players from the GNSS industry on mass market and professional applications and tools for ecosystem support
- The European GNSS Agency provided an overview of the Galileo system and its special differentiators for IoT and LBS applications
- The European industry delegation presented their state-of-the art GNSS technologies and showed how they can be applied to the south-east Asian region.
- This year’s session was highlight international cooperation opportunities in multi-GNSS and provided a unique networking opportunity for participants.



# Session Summary (3/6)

## [Students and Young Professionals Forum]

- This MSY (MGA Student and Young Professional) Forum had the first workshop in the MGA conference 2016.
- The goal of this workshop was to strengthen the regional network of the students and young researchers, and to consider the possibilities and issues in Asia-Pacific region.
- More than 23 participants from 8 countries (Indonesia, Japan, Malaysia, Nepal, Pakistan, Philippine, Sri Lanka, US) had a fruitful discussion through the Ideathon and its presentation.
- The discussion from MSY Forum 2016 will be continued on Facebook group.



# Session Summary (4/6) [Group Discussion]



- Four thematic sessions were organized to discuss applications of multi GNSS to important fields in Asia and Oceania: Location Based Service (LBS), Disaster Mitigation and Management (DMM), Intelligent Transport System (ITS) and Precise Positioning (PP).
- # of presentations:  
LBS: 3, DMM: 7, ITS: 6, PP: 7
- Active discussions were observed in all sessions.



# Session Summary (5/6)

## [Special Session for the Philippines]



- This session theme was “GNSS Signal Utilization in the Philippines”.
- The topics for discussion included applications in geodesy, crustal deformation monitoring, transportation, cadastral surveys and ionosphere effects on GNSS signal.
- The presenters showed how the country is moving towards adopting new ideas, methods and technology from GNSS to benefit the different sectors of the society.



# Session Summary (6/6)

## [New Challenge]



- For the first attempt, we conducted the following sessions in this conference:
  - SAWG-MGA Joint Session
  - Opportunities for researchers, start-ups and businesses
  - Sponsorship System



# 9th Multi-GNSS Asia (MGA) Conference

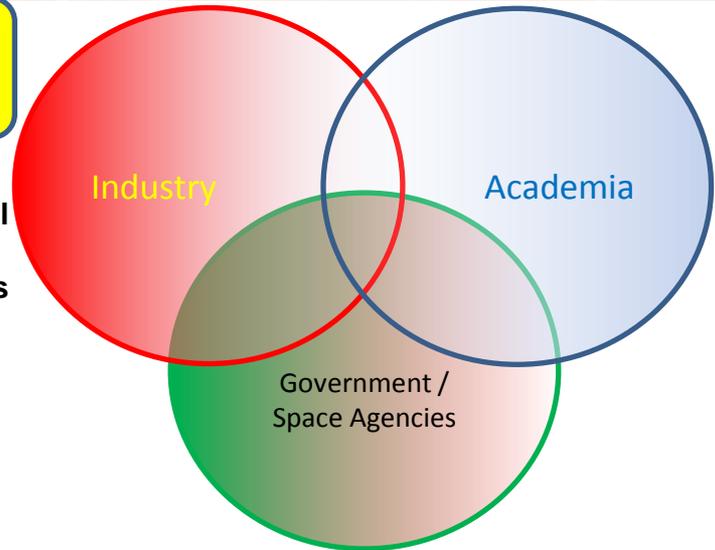


**9<sup>th</sup> to 11<sup>th</sup> October 2017**  
**@ Jakarta, Republic of Indonesia**



## Scope

- Industry-Academia-Governmental Cooperation
- Discussion on potential solutions for Indonesia
- BtoB matching
- Open forum for multi-GNSS



Providing Solutions using Multi-GNSS Applications in the Asia-Pacific Region”

Visit the MGA website: [www.multignss.asia](http://www.multignss.asia)

Co-organized by



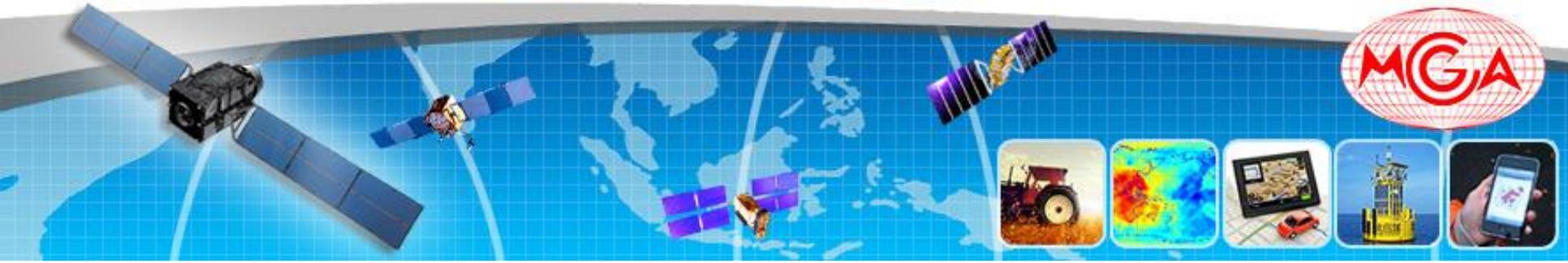
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# Tentative agenda for MGA conference 2017



- Opening Ceremony
- Plenary Session (GNSS Update)
- Latest Trends in GNSS Technology
- GNSS Industrial Development and Applications
- Academia Session
  - Precise Positioning
  - Disaster Mitigation / Management
  - Intelligent Transportation System
  - Location Based Services
  - Others (Space Weather etc.)
- Students and Young Professional Forum
- MGA Annual Activities Report
- Poster Session
- Demo / Exhibition
- Reception
- Closing Session



# Thank you for your attention.

If you have any questions, please let us know.

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