

PRAGMA 36

Co-locate with CENTRA 4

April 22(Mon)-27(Sat), 2019 |
Phoenix Seopji Koji Jeju |
Jeju Island, Korea |

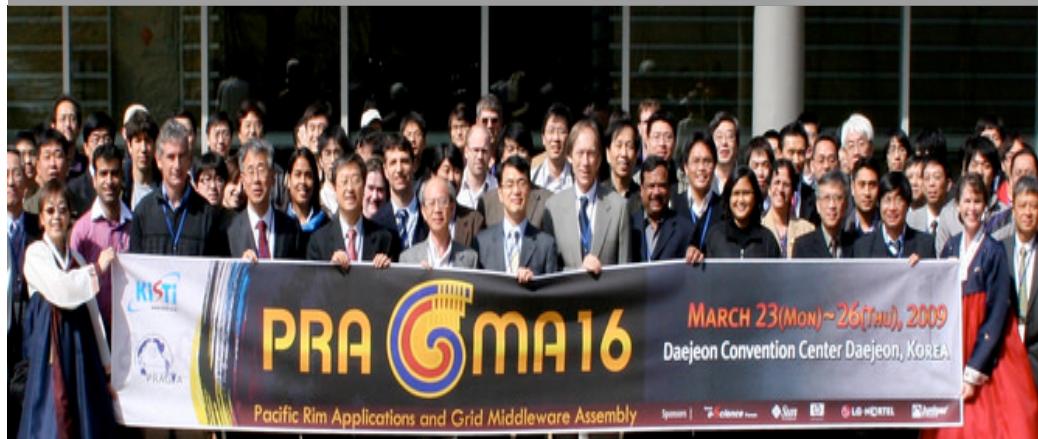


History of PRAGMA held in Korea

PRAGMA 36 & CENTRA 4

PRAGMA 16

March 23-26, 2009
Daejeon Convention Center, Daejeon, Korea



PRAGMA 2

July 10-11, 2002
Westin Chosun Hotel, Seoul, Korea



Title

PRAGAM 36 & CENTRA 4

(Pacific Rim Application and Grid Middleware Assembly)

Date

April 22 (Mon) - 27(Sat), 2019

Venue

Phoenix Jeju Seopji Koji, Jeju, Korea

Hosted by

PRAGMA, CENTRA

Organized by

Korea Institute of Science and Technology
Information (KISTI)

Program

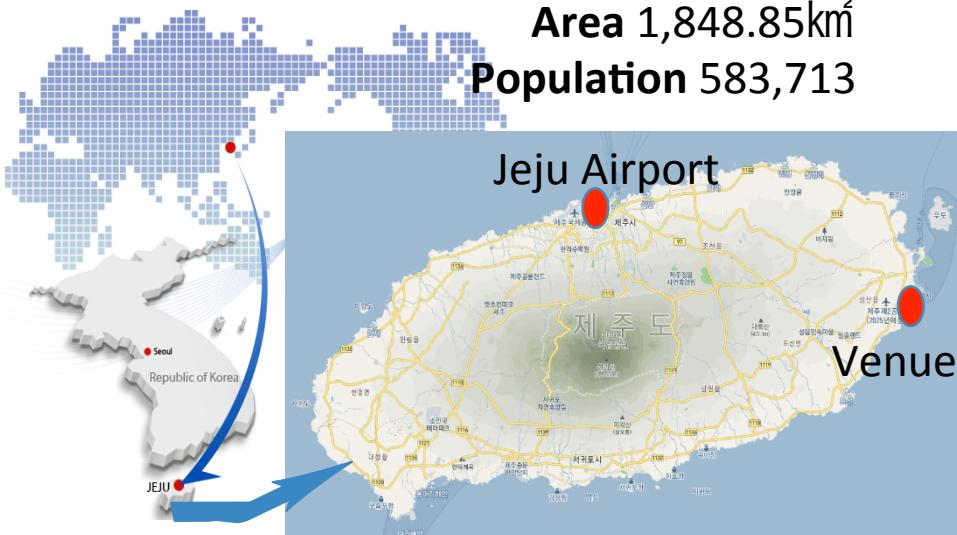
Opening, Keynote, Workshop, Dinner, Tour

Attendee

Members of PRAGMA, Potential Members

About Jeju Island

- ✓ Jeju is proud of its unique cultural folk heritage as well as its geographical and historical relevance.
The island itself is an extinct volcano with its peak jutting skyward at the center and
a broad, gentle littoral all the way around showing a very unique geographical condition.
- ✓ In June 2007, the volcanic island and lava tube cave systems were designated as UNESCO World Natural Heritage Sites
for their natural beauty and geographical value. Jeju Island is not only Korea's most prestigious destination and
top honeymoon spot, but it has been the venue for several political joint summit talks and
other major international meetings.



- ✓ **Direct International Flights to Jeju**
from Japan (Nagoya, Tokyo, Osaka, Fukuoka),
China(Beijing, Shanghai, Shenyang),
Taiwan(Taipei, Kaohsiung) and the Philippines.
- ✓ **Transfer via Major Hub Airports**
such as those in Japan, China, Taiwan.
- ✓ **Transfer via Incheon International Airport**
where is the gateway to Korea.
Passengers can either transfer to a direct flight to Jeju
from Incheon, or move to Gimpo Airport and
transfer to a domestic flight from there.
It is a one-hour-flight from Incheon or Gimpo to Jeju.

About Venue : Phoenix Jeju Seopji Koji

PRAGMA 36 & CENTRA 4

Seopji Koji - Nature's Wonder and Extraordinary Experience

A 'Paradise on Earth' where gift of nature and exceptional pleasure coexist.

phoenix JEJU is an environmentally friendly and futuristic resort complex suited with accommodations, R&R, leisure and culture.



Bella Terrace

Our Bella Terrace has soothing interior that everyone wants but not everyone can have. The astonishing view of indigo blue water and Seongsan Ilchulbong from the lounge is something special.

• Location : 2F, Bella Terrace Orange
 • Island Ballroom, Stone Hall, Wind Hall

✓ Bella Terrace

Detail View 4/20

CENTRA 4 & PRAGMA 36

Pacific Rim Application and Grid Middleware Assembly

April 22-27, 2019 | Phoenix Jeju, Jeju, Korea


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Important Dates

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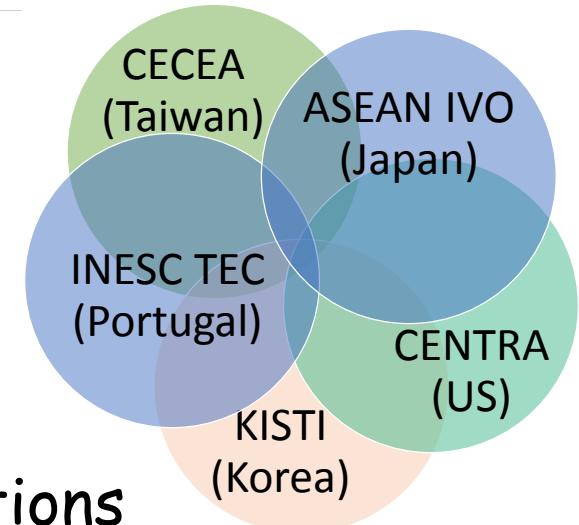
Program (tentative)

PRAGMA 36 & CENTRA 4

Time	Day 1 (Apr. 22, 2019)	Day 2 (Apr. 23, 2019)	Day 3 (Apr. 24, 2019)		Day 4 (Apr. 25, 2019)	Day 5 (Apr. 26, 2019)	Day 6 (Apr. 27, 2019)	
08:00-09:00	CENTRA 4	CENTRA 4	Registration		Registration	Registration		
09:00-10:30			Workshop A (TBD)	Workshop B (TBD)	Opening - Welcome Remarks - Keynote Speech - PRAGMA Update	- Keynote Speech - PRAGMA Update	Cultural Experience	
10:30-11:00								
11:00-12:00					Coffee Break	Coffee Break		
12:00-13:00			Luncheon		Luncheon (Steering Committee Meeting with Luncheon)	Luncheon	Cultural Experience	
13:00-14:00			Workshop A (TBD)	Workshop B (TBD)		Working Group Breakout 1		
14:00-15:00						Working Group Breakout 2		
15:00-16:00				Coffee Break / Poster Session	Coffee Break / Poster Session			
16:00-18:00				Demo Session 1	PRAGMA36 Wrap-up	Free time		
18:00-20:00			Welcome Dinner		Dinner		Farewell Dinner	

The State of CENTRA: a framework for sustained global Collaborations to Enable Transnational Cyberinfrastructure Applications

- A partnership and framework for collaborations amongst research centers, institutes and laboratories across the world
 - Application areas: smart & connected communities, environment and disaster management
- Enables face-to-face meetings, access to testbeds and data
- Funded by US NSF, Japan NICT, Taiwan MOST, Portugal INESC TEC and Korea KISTI
(est. \$2M, including \$0.5M from NSF)



Examples of CENTRA Projects



PRAGMA 36 & CENTRA 4

1. Dynamically Aggregating Smart Community Sensors, Edge and Cloud Resources with Overlay VPNs, Renato Figueiredo



2. SDN-IP Peering for IoT Data Transmission, Te-Lung Liu



3. IT for Natural Disaster Management & Visualization Alliance, Jason Haga



4. ASEAN IVO: Software Defined System on Disaster Mitigation and Smart Cities, Luke Jing Yuan



5. AirBox: a Participatory Ecosystem for PM2.5 Monitoring, Ling-Jyh Chen



6. Distributed Lifemapper, Aimee Stewart



7. Privacy-preserving Cloud Computing for IoT, INESC TEC and KISTI



8. Network Congestion Issues in Disaster Scenarios, Krishna Kant



9. PADE: Precision Agriculture with Drones and Edge, Christopher Stewart; Using UAV Images to Monitoring Rice Paddy with Artificial Intelligence, Hui-Ping Tsai



10. Secure Data Collaboration Using GFFS, Andrew Grimshaw

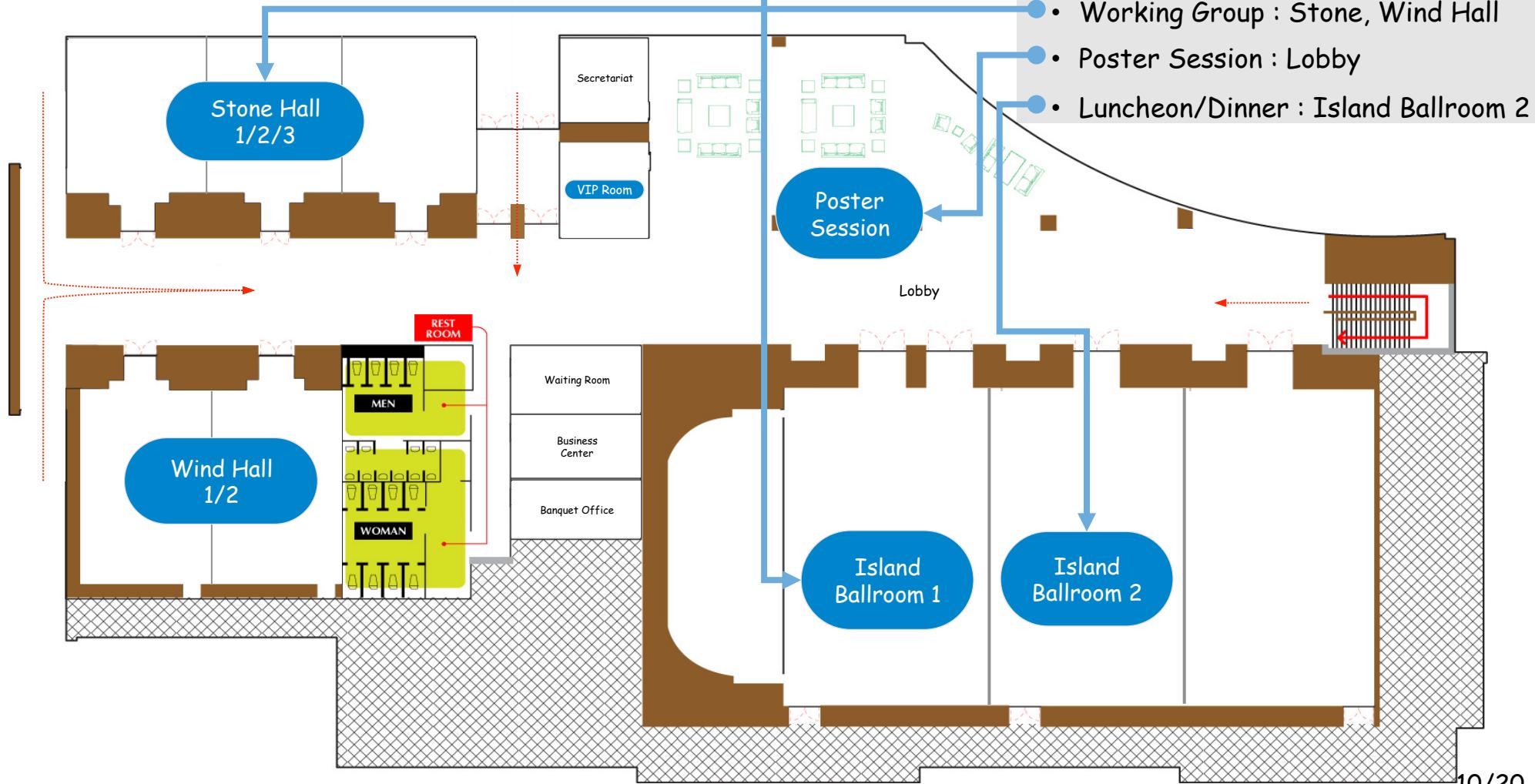




Facilities (1/4)

PRAGMA 36 & CENTRA 4

- Layout - Bella Terrace Orange(2F)

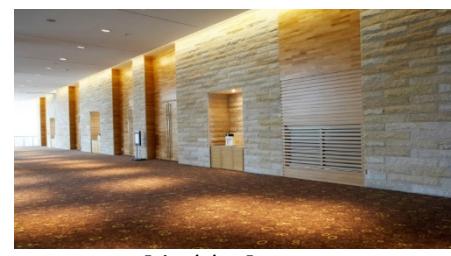
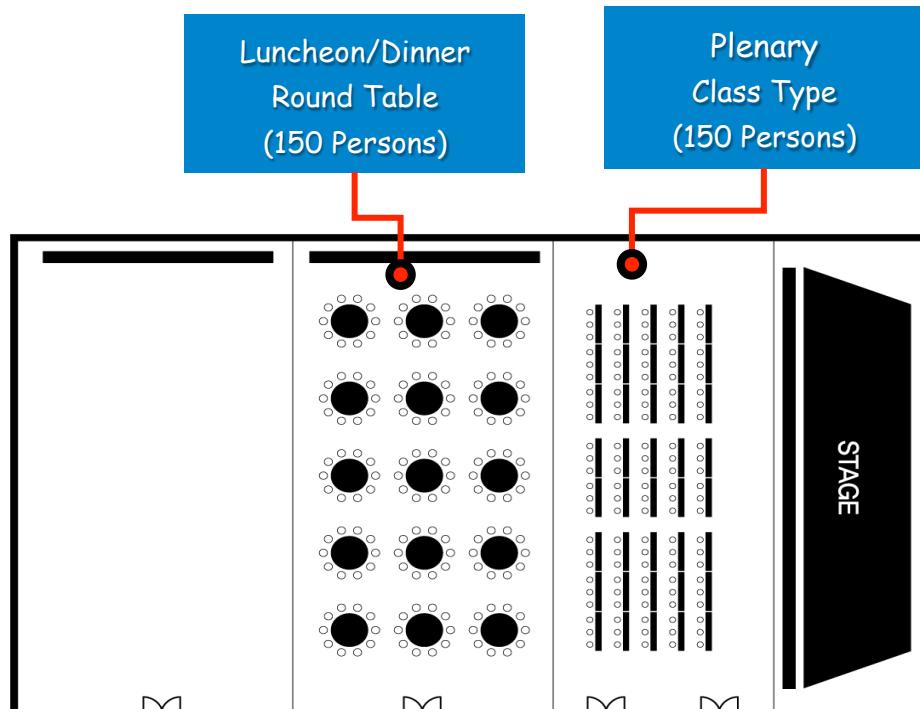


Facilities (2/4)

PRAGMA 36 & CENTRA 4

- Island Ballroom

- Capacity : 500 persons
- Location : 2F, Bella Terrace Orange
- Facilities : Total Audio Video System
(VCR, LDP, PC, CATV, 35mm Slide slide-compatible)
Audio Surround System Beam Projector
Stage Lighting System



System	Spec	Unit	Quantity
DLP Projector	BARCO, 10,000 ANSI Lumens	ea	1
DLP Projector	EIKI, 5,200 ANSI Lumens	ea	3
Portable Stage	3100 * 1000 * 400		10
Podium		ea	6
Line Microphones	Dynamic	ea	14
Wireless Mikes	Hand	ea	10
Wireless Mikes	PIN	ea	5
Conference Mikes	Delegate	set	40

Facilities (3/4)

PRAGMA 36 & CENTRA 4

- Stone Hall, Wind Hall

Capacity : 130 persons, 100 persons

Location : 2F, Bella Terrace Orange

Facilities : Total Audio Video System

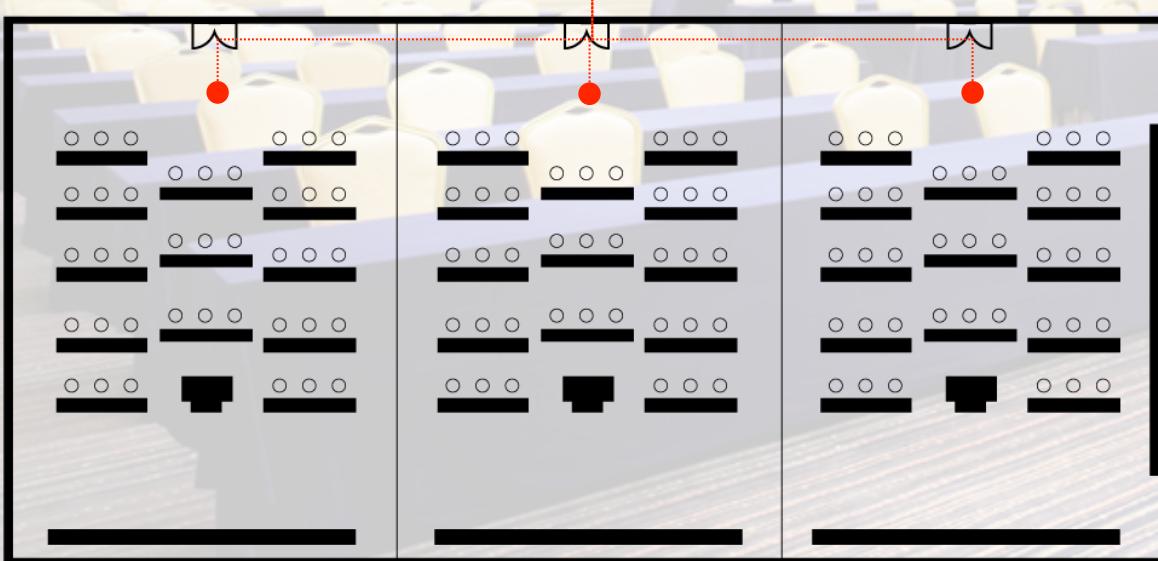
(VCR, LDP, PC, CATV, 35mm Slide compatible)

Audio Surround System

Beam Projector(portable type)

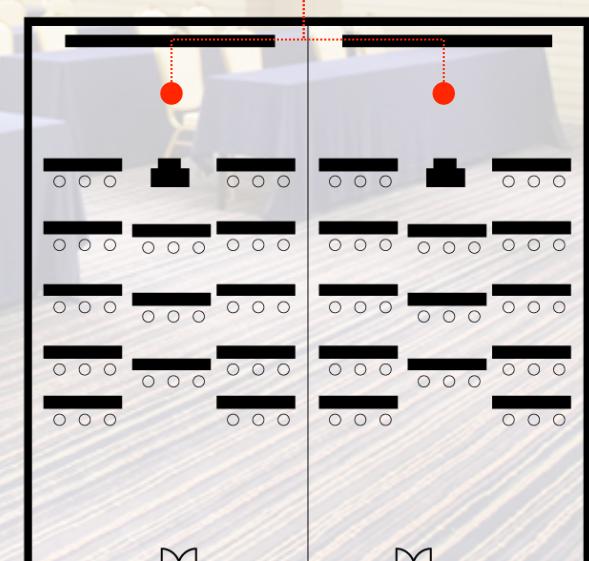


Working Group 1/2/3
Class Type (40 Persons)



[Stone Hall]

Working Group 4/5
Class Type (40 Persons)



[Wind Hall]

Facilities (4/4)

PRAGMA 36 & CENTRA 4

- Stone Hall, Wind Hall

Capacity : 130 persons, 100 persons

Location : 2F, Bella Terrace Orange

Facilities : Total Audio Video System

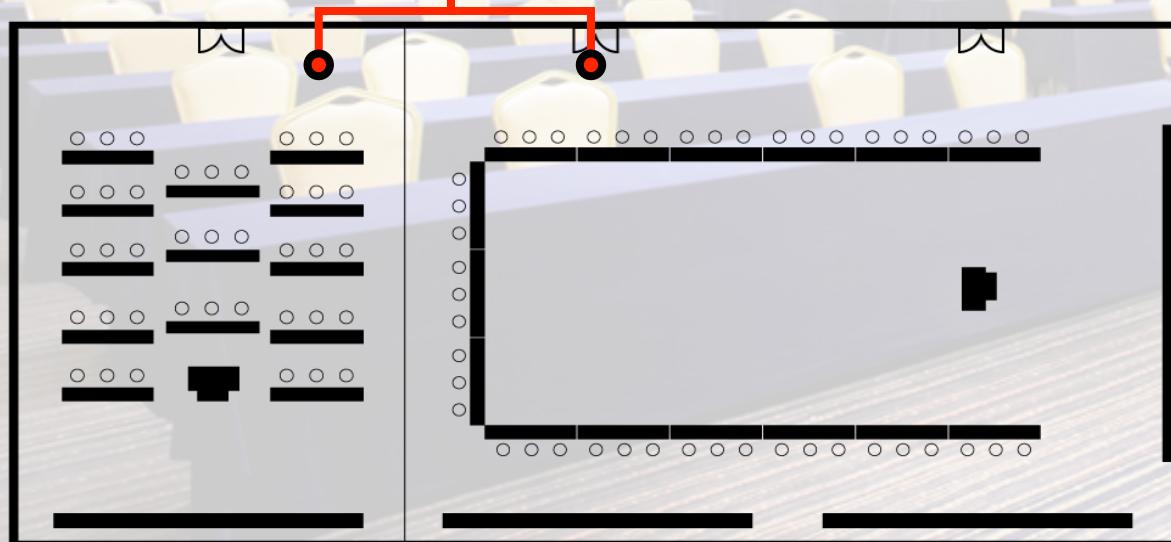
(VCR, LDP, PC, CATV, 35mm Slide compatible)

Audio Surround System

Beam Projector(portable type)

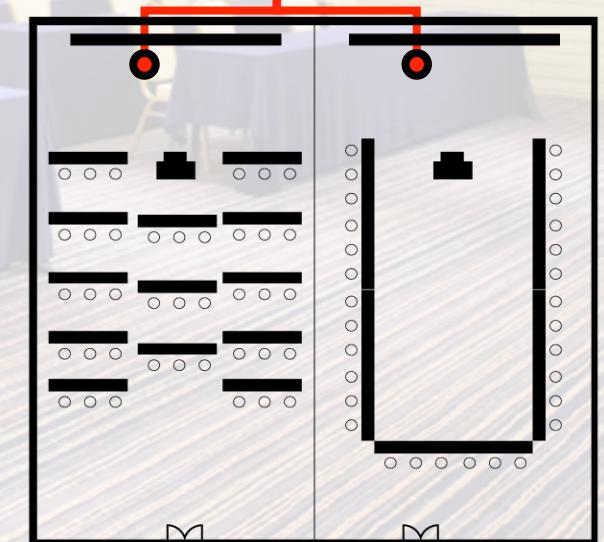


Working Group 1/2/3
Class(40 People), U-Shape(45)



[Stone Hall]

Working Group 3/4
Class (40 People), U-Shape(30)



[Wind Hall]

Transport to Venue

PRAGMA 36 & CENTRA 4

- Airport → phoenix JEJU (About 47km)



- Taxi & Automobile (50 minutes)**
: Fare (About 37,000 won/kr)
- Bus (90 minutes)**
: Express Bus (101, 110)
: Boarding at Airport Exit 1

- Free Airport Shuttle Service



- Phoenix Jeju Seopji Koji → Airport**

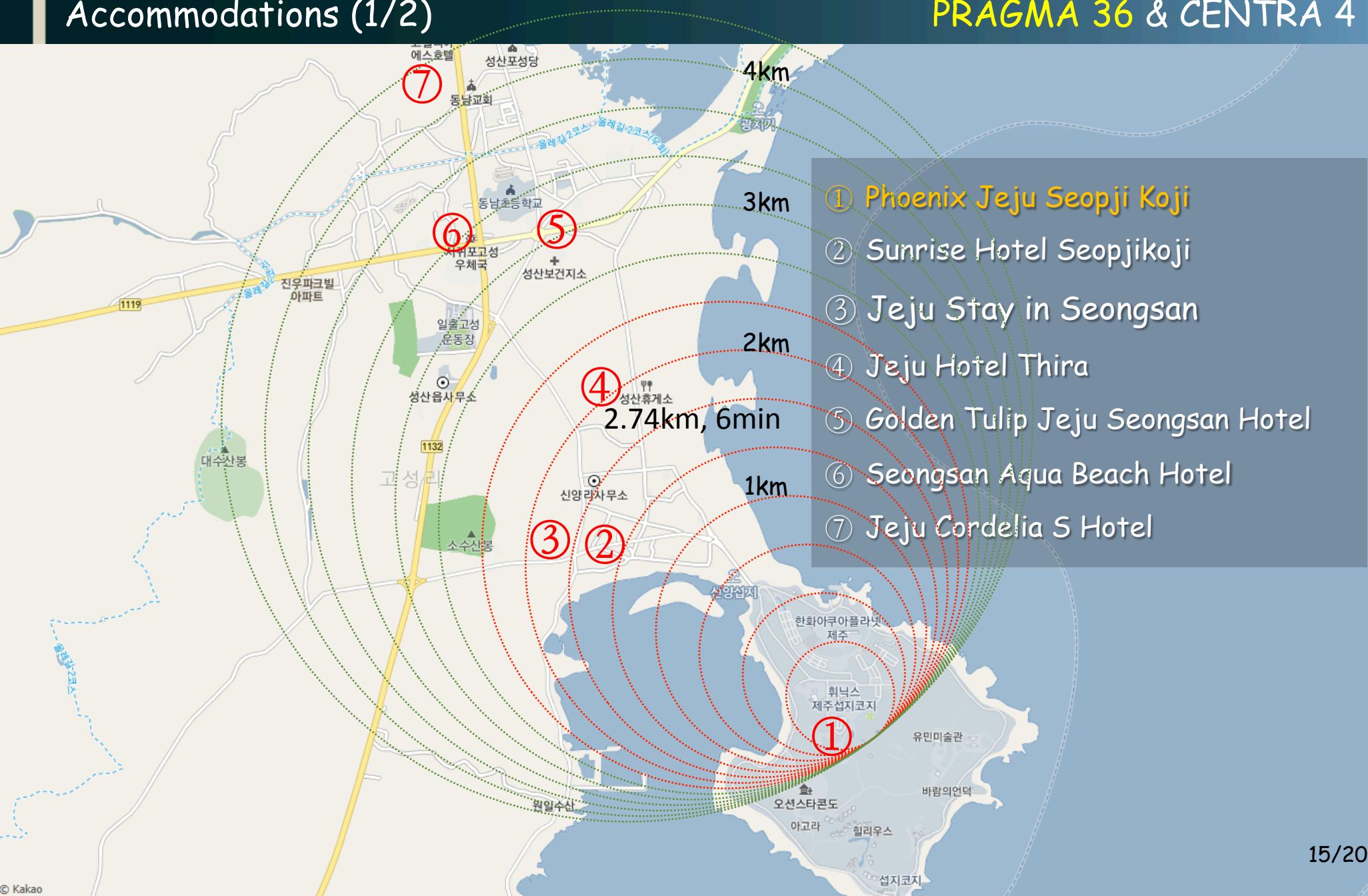
Division	1 Inning	2 Inning	3 Inning	4 Inning	5 Inning
Departure	-	10 : 30	12 : 30	14 : 30	17 : 30
Arrival	-	11 : 40	13 : 40	15 : 40	19 : 00

- Airport → Phoenix Jeju Seopji Koji**

Division	1 Inning	2 Inning	3 Inning	4 Inning	5 Inning
Departure	10 : 00	12 : 00	14 : 00	16 : 00	19 : 10
Arrival	11 : 10	13 : 10	15 : 10	17 : 10	20 : 20

Accommodations (1/2)

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Accommodations (2/2)

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🚶: Walk

🚌: Shuttle Bus

Hotels			Hotels		
	① Phoenix Jeju Seopji Koji 🚶 1.5km, 22min	★★★ ★★		⑤ Golden Tulip Jeju Seongsan Hotel 🚌 2.33km, 5min	★★★ ★
	② Sunrise Hotel Seopjikoji 🚶 1.5km, 22min	★★★		⑥ Seongsan Aqua Beach Hotel 🚌 2.74km, 6min	★★
	③ Jeju Stay in Seongsan 🚶 1.7km, 26min	★★★		⑦ Jeju Cordelia S Hotel 🚌 3.47km, 8min	★★★
	④ Jeju Hotel Thira 🚶 1.7km, 26min	★★			

UNESCO Natural Heritage Site Tour



Soesokkak



Seongsan Sunrise Peak



Manjanggul Lava Tube

Attractions	Time	Description
Phoenix Jeju Seopji Koji	09:00	
Soesokkak	09:40~10:10	Soesokkak, where a deep puddle is formed as even many local Jeju residents know about. Visitors will feel like they are in a valley with a variety of trees in the region where the fresh water flows, and in a mysterious place when in the forests filled with evergreen trees, pine trees and odd-shaped rocks.
Seongeup Folk Village	10:50~12:20	Located at the foot of Mt. Halla on Jeju Island, Seongeup Folk Village is a small town that holds a vast amount of culture. The Seongeup Folk Village shows the unique culture of Jeju Island: the black lava rock walls, and the stone grandfather statues(Harubang), which have become a prime feature of the landscape.
Lunch	12:30~13:30	
Seongsan Sunrise Peak	14:00~15:30	Seongsan Sunrise Peak rose from under the sea in a volcanic eruption over 100,000 years ago. Located on the eastern end of Jejudo Island, there is a huge crater at the top of Seongsan Sunrise Peak. The crater is about 600m in diameter and 90m high. With the 99 sharp rocks surrounding the crater.
Phoenix Jeju Seopji Koji	16:00	

Jeju Cultural Tour



Yakcheonsa Temple



Seogwipo Maeil Olle Market



Seongeup Folk Village



Bonte Museum

Attractions	Time	Description
Phoenix Jeju Seopji Koji	09:00	
Yakcheonsa Temple	09:10~10:00	Yakcheonsa Temple is one of biggest Buddhist temples in Asia, sprawled out over an area of 122,100 square meters(1,314,274 square feet). Also, it belongs to Olle Route 8(Olle is walking trail on Jeju island)
Seogwipo Maeil Olle Market	10:30~11:30	Seogwipo Maeil Olle Market is the largest market in Seogwipo. It is a traditional market that was formed in the early 1960s and is a mainstay in the Seogwipo economy. Starting from 2001, the market expanded its shopping center and now stretches over 620m. The interior of the market is designed in such a way that visitors can easily navigate shops and vendors.
Lunch	12:30~13:30	
Seongeup Folk Village	13:30~15:30	Located at the foot of Mt. Halla on Jeju Island, Seongeup Folk Village is a small town that holds a vast amount of culture. The Seongeup Folk Village shows the unique culture of Jeju Island: the black lava rock walls, and the stone grandfather statues(Harubang), which have become a prime feature of the landscape.
Phoenix Jeju Seopji Koji	16:00	

Volcano Tour



Cheonjiyeon Waterfall



Seongsan Sunrise Peak



Bijarim Forest



Ilchul Land

Attractions	Time	Description
Phoenix Jeju Seopji Koji	09:00	
Cheonjiyeon Waterfall	09:30~10:30	Cheonjiyeon waterfall is one of the main tourist sites on Jeju Island. The waterfall is fed by a spring and falls into a pond. The waterfall is situated along a paved pathway which is about 5 minutes walk from the car park.
Seongsan Sunrise Peak	11:30~13:00	Seongsan Sunrise Peak rose from under the sea in a volcanic eruption over 100,000 years ago. Located on the eastern end of Jejudo Island, there is a huge crater at the top of Seongsan Sunrise Peak. The crater is about 600m in diameter and 90m high. With the 99 sharp rocks surrounding the crater.
Lunch	13:05~14:05	
Bijarim Forest	14:25~15:30	Designated as a natural monument, Bijarim Forest is a group of about 2,800 nutmeg trees between 500 and 800 years old. They are 7-14m in height and 50-110cm in diameter. This is the largest nutmeg tree forest in the world.
Phoenix Jeju Seopji Koji	16:00	



Welcome to join PRAGMA 36 in 2019 !!!

KISTI would like to cordially invite
you all to the PRAGMA36
for feeling and enjoying
the unique culture of Jeju Island.

