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the 60<sup>th</sup> IAC



- 1. Outline
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#### Outline



#### "60th International Astronautical Congress, Daejeon, Korea"

<u> Period October 12 w 16, 2009</u>

**Venue:** Daejeon Convention Center, KOIREX, EXPOScience Park

**in en e** Sparce for Sustainable Bearce and Brogress

#### Co-Host:

- <u> Ministry of Education, Science and Lechnology (MESL)</u>
- = Daejeon Metropolitan City
- = International Astronautical Ecceration (IAE)
- = International Academy of Astronautics (IAA)

<u>Organizer: ACXIIII Darejeon Forea Eliganizing Committee,</u>

<u>Korea Aerospace Research Institute(KARI)</u>

Contents: Conference, Exhibition, Social Program, Space Eestival



Official·Social Events











Uamsajeok Park







Congress







## **Supporting Organizations**



Government

<u>Z Ministries (Mofat, Mofas, McSt, Mke, Me, Millim, Kcc)</u>

<u> Einantial Support, Overseas Markeling</u>

Daejeon Metropolitan City

<u> Linancial support, Volunteers, Culture & Art. Performance</u>

Infrastructure: Transportation, Accommodations

KSAS, KASI

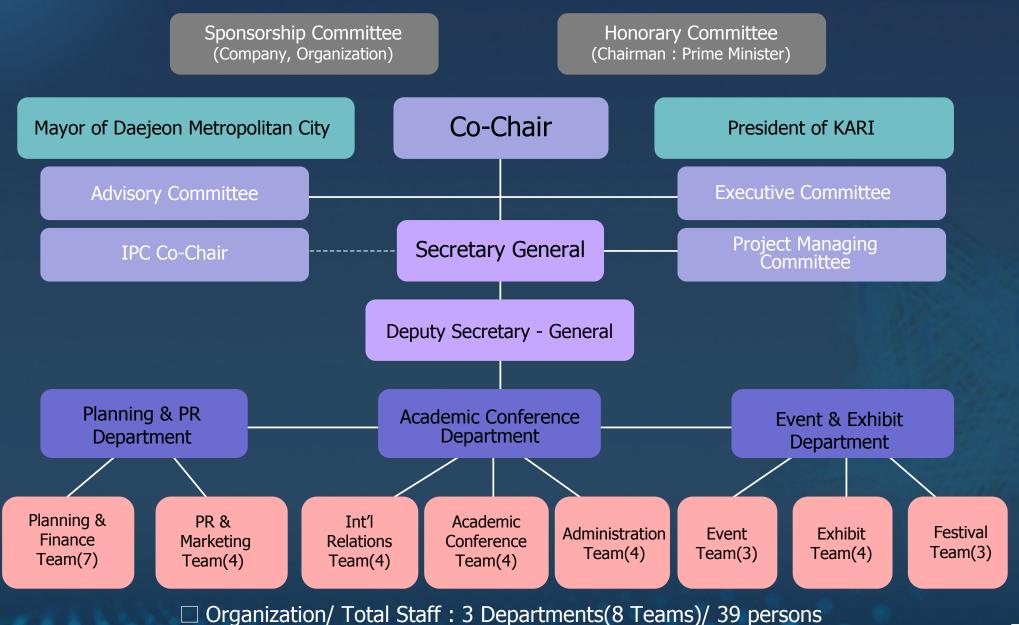
<u>io ine business marketing sector</u>

Daedeok Innopolis KOTRA, KTO

<u>Program of informationshare between aerospace companies</u> Business Program Support

#### Composition of LOC







## 

- 1. Outline
- 2. Program
- 3. Paper Selection and Registration

#### 1. Outline



Period

Oct. 12(Mon.) = Oct. 16(Eri.), 2009

Venue

DCC, Daedeok imopolis, KARI, KARI, Solomon Law Park

**Participants** 

Around 2500 from 60 countries

Program

Technical Session, Plenary Event, Highlight Lecture, Student Program, Young Professional Program, IAF&LAA Assembly & Committee Meeting, UN/IAF Workshop, SGC, IISL Moot Court

Daily Topic

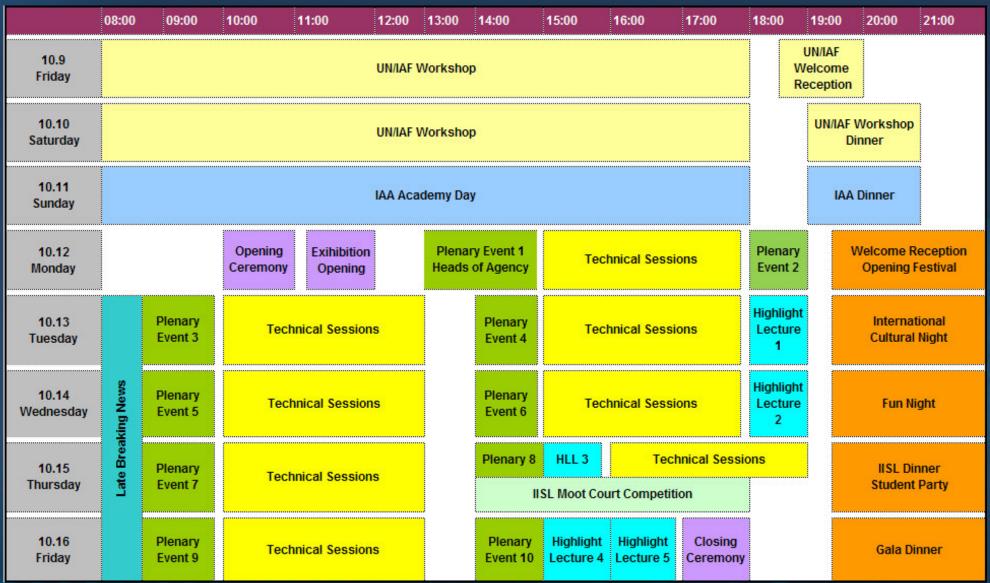
Oct. 12 Agency Oct. 13 Industry Oct. 14 Climate
Oct. 15 Exploration Oct. 16 Peace

Official Language

#### 2. Program



#### "Program at a Glance (Oct. 9~ 16)"



## 2. Program



## "UN-IAF Workshop"

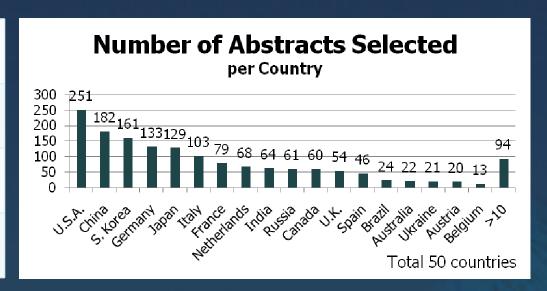
Classification	Contents
Venue	Korea Aerospace Research Institute (KARI)
Date	Oct. 9 (Fri.) ~ 11(Sun.), 2009
Participants	Officials, Experts from space related organizations, Policy Makers, Leaders from academic, etc.
Contents	Opening ceremony, Key note addresses and Two technical sessions with workshop discussions, Reception, Technical tour, etc.
Theme	Integrated Space Technologies and Space-based Information for the Analysis and Prediction of Climate

## 3. Paper Selection and Registration



#### **Paper Selection**

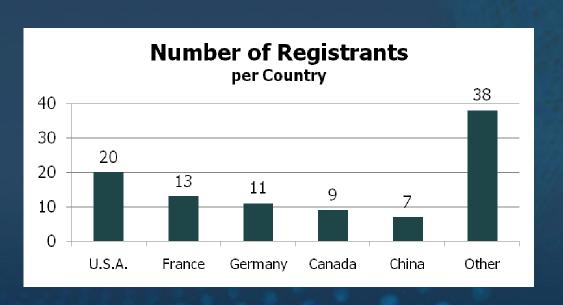
Total	Submitted	2128
	Selected	1585
Number of Categories		5
Number of Sessions 15		150



#### Registration

- On-line registration system opened on April 29, 2009 (www.iac2009.kr)
- Total number of 96 registered
- Registrants from 21 Countries

(as of May 20, 2009)





# 

- 1. Outline
- 2. Exhibition Site Plan
- 3. Themed Exhibition Hall

## 1. Outline



Classification	Contents		
Venue	KOTREX (Korea Trade Exhibition)		
	Oct. 12 (Mon.) ~ 16 (Fri.), 2009 / 5 Day	ys	
Period	Business Day	Oct. 12(Mon.) ~ 13(Tue.) / 2 Days	
	Public Day	Oct. 14(Wed.) ~ 16(Fri.) / 3 Days	
Business hour	10:00 ~ 18:00 ※ Oct. 12 : Opens after Official Ceremony/ Oct. 16 : Closes at 3 pm		
Exhibition Hall Categories	<ul> <li>Hall 1: International Aerospace Exhibition Hall</li> <li>Hall 2: International Aerospace Cluster Hall</li> <li>Hall 3: WTA Daejeon, High-tech Exhibition Hall</li> </ul>		
Exhibitors expected	<ul> <li>Approximately 100 Companies &amp; Organizations</li> <li>Space of Charged Booth: 3,096 m²</li> </ul>		
Exhibition Items		s High Technology, Space Technology and ellite industry, Space Tourism. ST Cluster etc.	

#### 2. Exhibition Site Plan

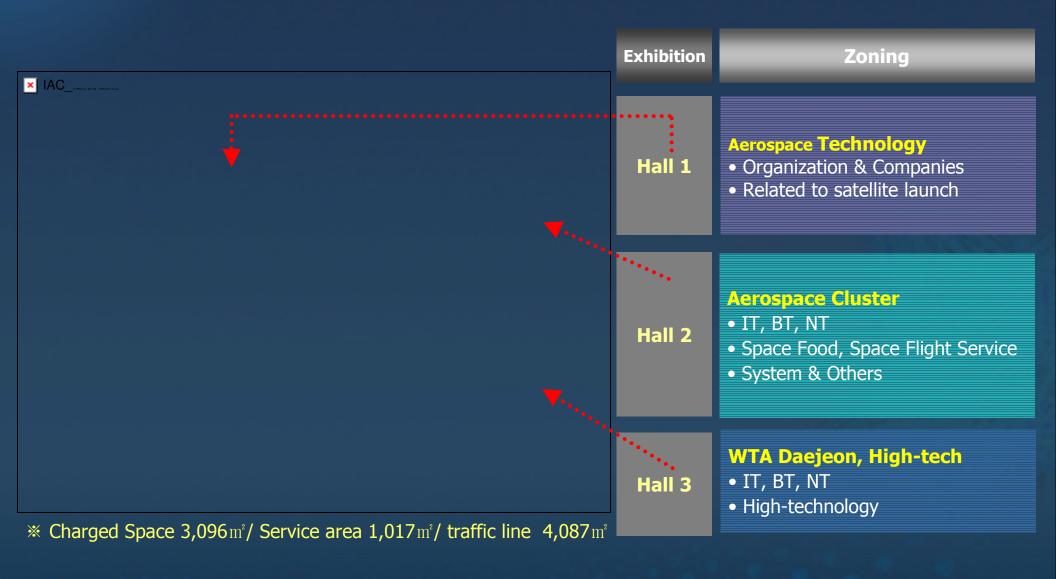




#### 2. Exhibition Site Plan

# 60th IAC 2009 Daejeon KOREA

#### 1) Overall Exhibition Hall Layout



#### 3. Themed Exhibition Hall



#### IAC 2009 Pavilion for Celebration of the 60th IAC

Title

IAC 2009 Themed Exhibition Hall

Outline

Exhibit in order to provide better and easier understanding for general public of the 60<sup>th</sup> IAC Daejeon which three thousands of space experts from all over the world are participating in

Concept

Time Tunnel, offering a chance to cast back to our history of space, and prospect the future based on the present life

Location

Ultramodern Science Center at Expo Science Park

Scale

Approximately 365 m<sup>2</sup>

Period

October 9<sup>th</sup>~25<sup>th</sup>, 2009
(Schedule of Themed Exhibition Hall is subject to change depending on the festival schedule)

#### 3. Themed Exhibition Hall



# MC2000 THERE EXHIBITION

#### Prologue / '60 IAC Zone

- Looking back the hisotry of IAC
  - Prospect the future of IAC
- Studying the space development history with IAC

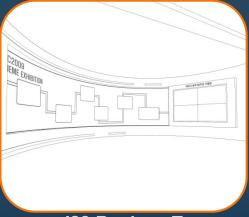
### "Zone Specific"





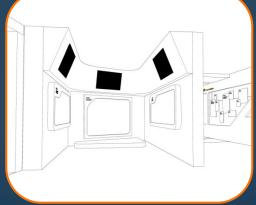
#### **Epilogue**

- Move on towards present and future through the time tunnel



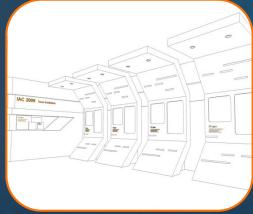
#### '60 Daejeon Zone

- Trace of 60 years, Daejeon
- Space headquarter of Korea, Daejeon
  - Eco-friendly city, Daejeon



#### '40 Lunar Landing Zone

- Engraving dream of human on the moonMeeting with Neal Armstrong, human's first footstep
  - Performing Apollo Plan 7~17



#### '20 KARI Zone

- Looking at yesterday and today of KARI
- Research development outcome of KARI



- 1. Outline
- 2. Venue
- 3. Opening Ceremony
- 4. Welcome Reception
- 5. International Cultural Night / Fun Night
- 6. Gala Dinner

## 1. Outline



Classification	Oct. 9(Fri.)	Oct. 10(Sat.)	Oct. 11(Sun.)	Oct. 12(Mon.)	
Title	UN/IAF Welcome Reception	UN/IAF Dinner	IAA Dinner	Opening Ceremony	Welcome Reception
Venue	Korea Aerospace Research Institute	Hotel	Hotel	Daejeon Convention Center	Hanbit Tower Square
Time	18:30~20:00	19:00~21:00	19:00~21:00	10:00~10:50	19:30~22:00
Туре	Standing	Sit-Down	Sit-Down	-	Standing
Special Program	-	-	_	Performance 1 : Space Mime Performance 2 : The Feast of Aerospace	<ol> <li>Taekwonmu         (performance)</li> <li>Daejeon Metropolitan         Dance Theater</li> <li>Fireworks</li> </ol>

## 1. Outline



Classification	Oct. 13(Tue.)	Oct.14 (Wed.)	Oct. 15 (Thu.)		Oct. 16 (Fri.)	
Title	International Cultural Night	Fun Night	IISL Dinner	Student Party	Closing Ceremony	Gala Dinner
Venue	Daejeon Culture and Arts Center	Around the Expo Bridge	Daejeon Museum of Art	EXPO Convention Hall	Daejeon Convention Center	Uamsajeok Park (Historic Park)
Time	19:30~22:00	19:30~22:00	19:30~22:00	19:30~22:00	17:00~18:00	19:30~23:00
Туре	Standing	Standing	Sit-Down	Standing	-	Sit-Down
Special	<ol> <li>International cultures and arts performance</li> <li>Traditional Korean dance and music performance</li> </ol>	Fun cultural experience	Korean classical Music Performance	<ol> <li>First Part</li> <li>party piece</li> <li>Second Part</li> <li>B-boy Performance</li> <li>DJ Remix Show</li> </ol>	<ol> <li>Video on IAC</li> <li>Awards         Ceremony</li> <li>IAC Congress         Flag hand-         over</li> </ol>	<ol> <li>Traditional dance party</li> <li>Souvenir presentation</li> </ol>

#### 2. Venue

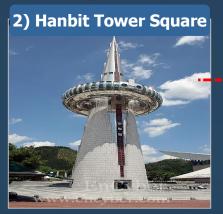


4) Around the Expo Bridge

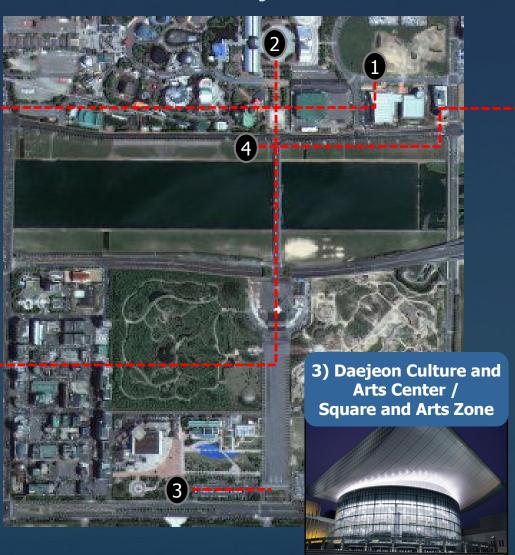
#### "Venues for Major Events"



Oct. 12: Opening Ceremony Oct. 16: Closing Ceremony



Oct. 12: Welcome Reception



5) Uamsajeok Park

Oct. 14: Fun Night

Oct. 16: Gala Dinner

Oct. 13: International Cultural Night

#### 2. Venue



#### "Venues for Major Events"

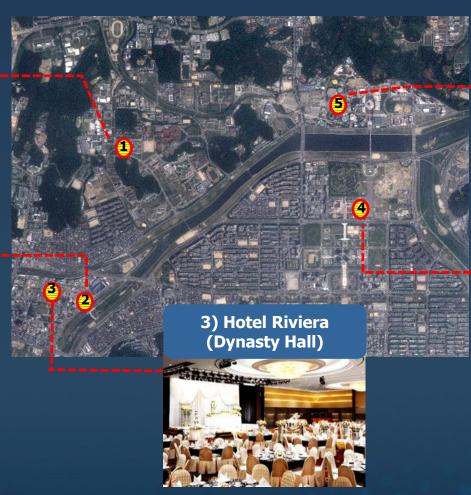
1) Korea Aerospace Research Institute



Oct. 9: UN/IAF Welcome Reception



Oct. 10: UN/IAF Dinner



Oct. 11: IAA Dinner

5) EXPO Convention Hall



Oct. 15: Student Party

4) Daejeon Museum of Art (Exhibition Zone 5)



Oct. 15: IISL Dinner

## 3. Opening Ceremony



Date	Oct. 12(Mon.), 2009 10:00~10:50
Venue	Multi-purpose Hall, DCC
Participant	<ul><li>VIPs and honorable guests from home and abroad</li><li>IAC participants</li><li>Press</li></ul>
Program	<ul> <li>Special Opening Show: Traditional Performance</li> <li>Welcoming Remarks (2 LOC Co-Chairs)</li> <li>Opening Performance (Space Mime)</li> <li>Congratulatory Remarks 1 (President of IAF)</li> <li>Congratulatory Speech 2 (VIP)</li> <li>Opening Ceremonial Performance (The first of Aerospace)</li> </ul>



#### Interpretation

8 languages: Korean, English, German, French, Russian, Spanish, Chinese, Japanese











**The Birth of Space** 

**The Providence of Space** 

**The Feast of Space** 

## 4. Welcome Reception



Date	Oct. 12(Mon.), 2009 19:30~22:00	Hanbit Tower Square
Venue	Hanbit Tower Square	
Participant	Approx. 3,000 including IAC VIPs and participants	
Program	<ul> <li>Standing Buffet</li> <li>Video on Korea's 1,000-year history of space exploration</li> <li>Ensemble</li> <li>Taekwonmu(performance)</li> <li>Kangkangsullai, Korea's Traditional Dance</li> <li>Declaration of space city, Daejeon (multi-media show)</li> <li>Fireworks</li> </ul>	









Peace and Harmony of the Space

**Daejeon, Space City** 

ream and Hope

#### 5. International Cultural Night / Fun Night



Date	Oct. 13 (Tue.), 2009 19:30~22:00
Venue	Daejeon Culture and Arts Center/ Square and Art Hall
Participant	Approx. 700 including IAC participants
Program	<ul> <li>Standing Buffet</li> <li>International cultures and arts performances</li> <li>Traditional Korean dance and music performance</li> </ul>
Performance Highlight	International cultures and arts performances

Oct. 14(Wed.), 2009 19:30~22:00

Around the Expo Bridge

Approx. 700 including IAC participants

- Standing Buffet
- Fun cultural experience and fusion performance
- A variety of traditional experience programs including
  - -tasting traditional drinks and wine
  - -wearing traditional costumes
  - -making Korean food







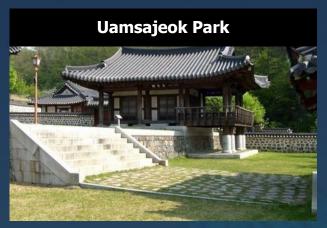




## 6. Gala Dinner



Date	Oct. 16(Fri.), 2009 19:30~23:00
Venue	Uamsajeok Park
Participant	Approx. 300 IAC participants
Program	<ul> <li>Reception</li> <li>Sit-Down</li> <li>Traditional dance party</li> <li>Souvenir presentation</li> </ul>
Performance Highlight	<ul> <li>Creating a mingling atmosphere with all participants</li> <li>Korean traditional music performance</li> </ul>







# 

- 1. International Aerospace Cluster Forum
- 2. Parliamentarian Meeting
- 3. Aerospace University Presidents' Forum
- 4. Space Festival

## 1. International Aerospace Cluster Forum



Classification	Contents
Venue	DCC Exhibition 2 / Presentation Hall
Date	Oct. 15 (Thu), 2009
Participant	World Aerospace Cluster's Companies
Objective	<ul> <li>To promote interaction between world aerospace companies</li> <li>To establish cooperation base between small and medium companies</li> <li>To provide know-how and exchange information of aerospace sector</li> </ul>
Background	<ul> <li>First Forum among world aerospace clusters</li> <li>Integration of large community of Space Cluster</li> <li>Interaction between users and providers</li> </ul>

## 2. Parliamentarian Meeting



Classification	Contents
Venue	Spapia Hotel
Date	Oct. 11 (Sun.) ~ 12 (Mon.), 2009
Participant	Approx. 60 Parliamentarians
Objective	<ul> <li>To share information on current and planned space activities from leading players</li> <li>To deepen knowledge and understanding on current topics</li> </ul>
Background	<ul> <li>Networking among politicians with special focus on members of Parliaments</li> <li>Better knowledge and understanding on current topics</li> </ul>

## 3. Aerospace University Presidents' Forum

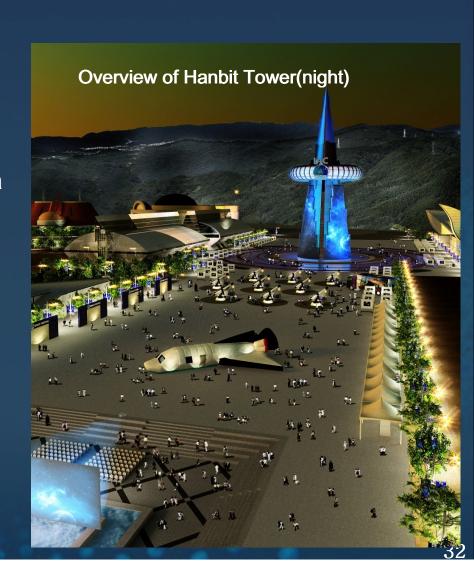


Classification	Contents
Venue	DCC
Date	Oct. 15(Thu.), 2009
Participant	300
Country	USA, UK, Uzbekistan, China, Russia, Ukraine, etc. In cooperation with Embry-Riddle Aeronautical University (USA)
Objective	To indicate the development direction of the future aerospace industry and contribute by educating spacemen

#### 4. Space Festival



- Mission: To make the public understand & experience 'the Space'
- Venue: Hanbit Tower Square, National Science Museum, Expo Bridge
- Date: Oct. 9 ~ Oct. 25 (17 days)
- Major Programs:
  - Fusion Traditional Performance
     PIGI Show
  - Fireworks
     Space Observation
     SF Cinema
  - Hands on 'Kids Space' ProgramPlayground
- Experience Event:
  - Space Experience Pavilion (Children's Space Playground, Space Experience Drama),
     Constellation Observation
  - ※ Space Sports Games for young astronauts, Model Rocket Making





- 1. Transportation
- 2. Accommodation
- 3. Tour

### 1. Transportation



- Airport Reception Desk Information desks and staff in ICN, GMP and CJJ
- Shuttle buses to Daejeon with one-hour interval

Classification	Contents	
Period	Oct. 7(Wed.) ~ 13(Tue.) / Oct. 14(Wed.) ~ 18(Sun.)	
Location	Incheon Int'l Airport , Gimpo Int'l Airport, Cheongju Int'l Airport	
Participant	VIP	General participants (About 2,000 )
transportation	• Sedan (over 3,000cc)	<ul> <li>Shuttle &amp; Limousine bus</li> <li>08:00 ~ 21:00: 1hour interval</li> </ul>
Information desk	• 2 Desks (Incheon), 1 Desk (Gimpo), 1 Desk (Cheongju)	

#### 1. Transportation



#### **Shuttle Bus Service**

DCC to/from Hotels : Oct. 8 ~ 16

For SGC, UN/IAF & IAA Academy: Hotel / Institute ↔ Venue

: Hotels, KAIST, KARI, DCC, etc.

• For Congress : Hotel ↔ Venue

: Yuseong Hotel, Riviera Hotel, Gyeryong Spatel, Hongin Hotel, Adria Hotel, Spapia Hotel, Statistic Training Center, etc.

For Social Events : Hotel ↔ Venue

: KARI's Grass Square, Spapia Hotel, Riviera Hotel, DCC, EXPO Bridge area, Hanbit Tower Square, etc.

Γ Interval : every 15 ~ 30 min.

⊤ Taxi Fare : 1.5 (USD)

Fextra Charge: 50 cents/km

#### 2. Accommodation



# "Hotels (867 rooms; EUR 65 ~ 160, 780 rooms; EUR 35 ~ 65), dorm and home stay rooms for students and YPPs"

classification	Contents	Status	Price
Hotel	14 Hotels in Daejeon - Riviera, Spapia, Yuseong, Gyeryoung, etc.	867 rooms (completed)	4~5 Star Hotel : EUR 85~160
			2~3 Star Hotel: EUR 65~110
	41 Hotels in Daejeon	774 rooms (on process)	1~2 Star Hotel: EUR 35~65
Training & institute Center	Statistic Training Center, Intellectual Property Office, National Science Museum	270 rooms (completed)	EUR 15~20
Home stay	me stay  Daedeok Cluster researchers' home, Smart city residence facility etc.		Negotiable

#### 3. Tour

#### 60th IAC 2009 Daejeon KOREA

#### 1) Technical Tour

#### "Chance to witness Korea's IT today (first come first served)"

#### Outreach Tours

classification	Date	Course	Price
UN/IAF tour	Oct. 11(Sun.)	KARI  o KAIST	F. 75.57
Daedeok Cluster	Oct. 13(Tue)-16(Fri) (Morning/Afternoon)	KARI  o ETRI	Free of Charge
		KAIST → KASI	Charge







classification	Date	Course	Price
Suwon Samsung Electronics PR Center	Oct. 13(Tue.) Full day	Suwon Samsung Electronics PR Center → Korean Folk Village	Chargod
Sacheon Aerospace Cluster	Oct. 14(Wed.) Full day	Sacheon Aerospace Cluster → Jinju Choksuklru	Charged





## 3. Tour



#### 2) Pre/Post Tour

Classification	Time		Course
Pre tour	Oct. 10(Sat.) ~ 11(Sun.)	1 nights	Gyeonglbokgung Palace/ Insadong/ Cheonggyecheon Stream etc.
	Oct. 9(Fri.) ~ 11(Sun.)	2 nights	Jeju Island
	Oct. 9(Fri.)	Full-day	Tomb Of king Muryeong- wang/ Baekje Cultural Festival
Post tour	Oct. 17(Sat.) ~ 18(Sun.)	1 nights	Gyeonglbokgung Palace/ Insadong/ Cheonggyecheon Stream etc.
	Oct. 17(Sat.) ~ 18(Sun.)	1 nights	Seokguram/ Bulguksa/ Gyeongju National Museum
	Oct. 17(Sat.) ~ 19(Mon.)	2 nights	Jeju Island
	Oct. 17(Sat.) ~ 18(Sun.)	1 nights	OiNardo Space Center







#### 3. Tour



#### 3) Accompanying Persons' Tour

- 6 events including the Spouse Reception
  Tour programs with diverse themes such as traditional culture, ginseng and history

Date	Category	Course
Oct. 12(Mon.)	-	Accompanying Persons' Welcome Party
Oct. 13(Tue.) -15(Thu)	Full-day	Gongju (Baekje Festival)
Oct. 14(Wed.)	Full-day	Jeonju Hanok Village
Oct. 15(Thu.)	Half-day	Ginseng Experience Program at Geumsan
Oct. 16(Fri.)	Half-day	Sangsinri Ceramic Art Village
Oct. 13(Tue.) -15(Thu)	Half-day	Daejeon Flower Land





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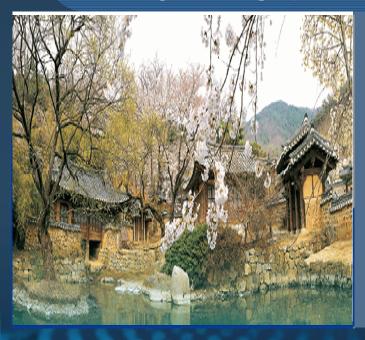
- 1. Dynamic Korea
- 2. Daejeon Metropolitan City

#### 1. Dynamic Korea

#### 60th IAC 2009 Daejeon KOREA

#### **Host Country of IAC 2009**

- Area | 222,154 km²
- **Population** | 49,024,737(as of 2006)
- **Capital City** | Seoul (10,456,034 as of 2009)
- **Average Temp.** | 19.7 °C (high), 9.8 °C (low), October
- Language | Korean
- Religion | Christian, Buddhism, Catholic, etc.
- National Income | 18,000 USD
- **Food** | Unique aromas and tastes with low calories (Kimchi, Galbi, Bulgogi, Bibimbab, etc.)
- **Currency Exchange** | 1 USD=1,252.5 KRW/ 1 EURO=1,748.87 KRW (as of May 25<sup>th</sup>, 2009)







#### 2. Daejeon Metropolitan City



#### **General Information**



- Location | 50min.(by KTX-High Speed Train) -160km from Seoul
- **Population** | 1.5million
- Average Temp. | 20.4 $^{\circ}$ C(high), 8.3 $^{\circ}$ C(low)
- Latitude | Athens, Lisbon, and San Francisco

#### **Center of Science**

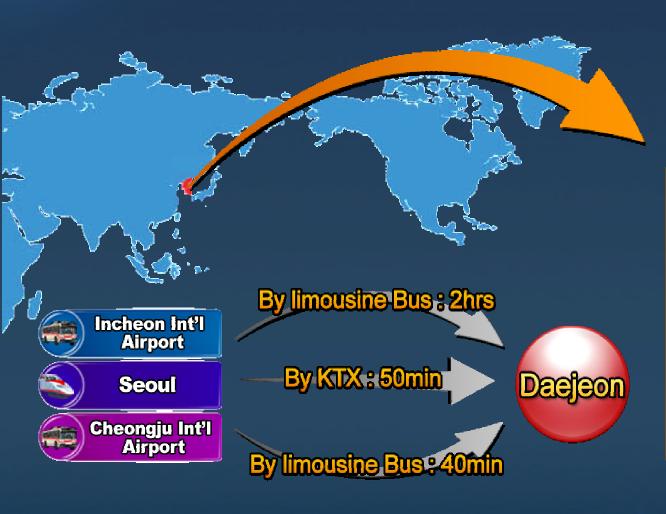


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## 2. Daejeon Metropolitan City









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## Reasons you have to participate in the 60<sup>th</sup> IAC



- State-of-the-art information on space technology
- Solutions to natural disasters caused by climate change
- Opportunity for networking with foreign partners

## Strong Support from Member States



- Participating in technical sessions and UN-IAF Workshop
- Partaking in Space Exhibition
- Sponsoring social events
- Presenting your culture at International cultural event

