20th International Symposium on Advanced Intelligent Systems
ISIS 2019 & ICBAKE 2019
in Korea

2018. 12. 07
Contents

General Information
Call for Papers
Sponsors
Organizing Committee
Tentative Program
Location
  Venue: Jeju Island, Korea
  Accommodations
  Attractions
  Tours
Welcoming Video
General Information

◆ Tentative Conference Period: December 4~7, 2019

◆ Location: Jeju Island, Korea

The venue is located approximately 40 minutes away by car/bus from the Jeju International Airport

◆ Venue: International Convention Center (ICC)

◆ Expected Conference Attendance: 450+ participants
Call for Papers

20th International Symposium on Advanced Intelligent Systems
ISIS 2019
Jeju Island, Korea
December 4-7, 2019

Important dates: (tentative)
Proposal of Tutorials/special sessions March 30, 2019
Tutorials/special sessions notification May 15, 2019
Paper submission June 15, 2019
Notification of acceptance August 15, 2019
Camera ready paper submission October 1, 2019
Tutorials December 4, 2019
Conference December 5-7, 2019
Call for Papers

Topics
◆ Adaptive, hierarchical, evolutionary, neural and nature-inspired systems
◆ Hybrid systems of computational intelligence techniques
◆ Fuzzy systems and internet applications
◆ Kansei, human-machine interface, brain-machine interface
◆ Fuzzy image, speech and signal processing, vision and multimedia
◆ Industrial, financial, and medical applications
◆ Fuzzy control and robotics, sensors, fuzzy hardware, fuzzy architectures
◆ Fuzzy optimization and design, decision analysis and support
◆ Fuzzy systems design, modeling, identification, fault detection
◆ Fuzzy data analysis - clustering and classifiers, pattern recognition, bio-informatics
◆ Fuzzy information processing - information extraction and retrieval, fusion, text mining
◆ Knowledge discovery, learning, reasoning, agents, knowledge representation
◆ Type 2 fuzzy sets, computing with words, granular computing, rough sets, fuzzy human computer interaction
◆ Fuzzy set theory, fuzzy measures, fuzzy integrals
◆ Rough sets, grey systems
◆ Optimization, decision analysis, decision making, multi-criteria decision making
◆ Software and hardware applications
Sponsors

◆ Technical Sponsors:

**Korean Institute of Intelligent Systems**

**Korea Tourism Organization**

**International Convention Center Jeju (ICC)**

Technical Co-Sponsorship

* Others expected
Organizing Committee

General Chair

Young Im Cho
Gachon University, Korea

Organizing Chair

Frank Chung-Hoon Rhee
Hanyang University, Korea
Organizing Committee

◆ Advisory Committee (Korea)
  Youngchul Bae (Chonnam National University, Korea)
  Byung Jae Choi (Daegu University, Korea)
  Yi Gon Kim (Chonnam National University, Korea)
  Young Hoon Joo (Kunsan National University, Korea)
  Seung-Gook Hwang (Kyungnam University, Korea)
  Seok Jong Lee (Chungbuk National University, Korea)
  Gyei-Kark Park (Mokpo National Maritime University, Korea)
  Yong Soo Kim (Daejeon University, Korea)
  Sang Yong Rhee (Kyungnam University, Korea)
  Sungshin Kim (Pusan National University, Korea)

◆ Advisory Committee (Japan)
  * To be determined later
Organizing Committee

- Publication Chair
- Special Session Chairs
- Conflict-of-Interest Chairs
- Tutorial Chairs
- Workshop Chair
- Competition Chairs
- Panel Sessions Chair
- Plenary Session Chairs
- Poster Sessions Chairs
- Paper Submission Chair
- Industry Liaison Chairs
- Sponsor/Exhibits Chairs
- Student Activities Chairs
- Awards Chair
- Local Arrangements Chairs

* To be determined later
# Tentative Program

<table>
<thead>
<tr>
<th>Time</th>
<th>Dec 4, 2019 (Wednesday)</th>
<th>Dec 5, 2019 (Thursday)</th>
<th>Dec 6, 2019 (Friday)</th>
<th>Dec 7, 2019 (Saturday)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>Tutorials</td>
<td>Opening Ceremony</td>
<td>Sessions</td>
<td>Sessions</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Plenary</td>
<td></td>
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<td></td>
<td>Coffee Break</td>
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<tr>
<td></td>
<td>Tutorials</td>
<td>Sessions</td>
<td>Plenary</td>
<td>Plenary</td>
</tr>
<tr>
<td>PM</td>
<td>Lunch Break</td>
<td>Lunch Break</td>
<td>Lunch Break</td>
<td>Lunch Break</td>
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<td>Tutorials</td>
<td>Sessions</td>
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<td>Sessions</td>
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<td>Coffee Break</td>
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<tr>
<td></td>
<td>Tutorials</td>
<td>Sessions</td>
<td>Panel Session/Competition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Welcoming Reception</td>
<td>Banquet</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
International Convention Center in JEJU ISLAND
01

BRIEFING ON KOREA

- **LOCATION**: Between China and Japan in central Northeast Asia
- **LAND**: 100,210 km²
- **CAPITAL**: Seoul
- **POPULATION**: 51,784,669 (March 2018)
- **LANGUAGE**: Korean
- **CURRENCY**: KOREAN WON (Exchange Rate USD1=± KRW 1,100)
- **GDP**: USD 1,693 trillion, 12th ranking (2018)

[Map of Northeast Asia highlighting Korea, China, Japan, and Jeju Island]
02 ABOUT JEJU ISLAND

1,849 km²

680,000
March 2018

POPULATION

15.6°C
Jeju City

16.7°C
Seogwipo City

AVG. TEMP.

#1 VACATION SPOT IN NORTHEAST ASIA
CERTIFIED AS INTERNATIONAL SAFE CITY
BY WHO
**ACCESSIBILITY**

- **187 NATIONS CAN STAY VISA FREE UP TO 30 DAYS**

**DOMESTIC FLIGHTS**
- 3,000 weekly flights
  - 1,700 flights in Gimpo-Seoul-Jeju from 13 destinations

**INTERNATIONAL FLIGHTS**
- 290 weekly flights to 6 countries including Japan, Thailand, Taiwan, Hong Kong, and Malaysia
WORLD TREASURE ISLAND, JEJU

- UNESCO’S TRIPLE CROWN: Biosphere Reserves, World Natural Heritage, World Geological Park
- UNESCO’S INTANGIBLE CULTURAL HERITAGE: Culture of Jeju Haenyeo (Diving Women)

Seongsan Sunrise Peak Spring
Hyodon River Summer
Geomun Oreum Fall
Mt. Halla Winter
Getting to ICC JEJU

**Airport Limousine Bus 600** (runs every 13-15 minutes)
- Jeju Int’l Airport ↔ Jungmun Resort Complex ↔ Seogwipo City
  - Stops in major hotels and ICC JEJU in Jungmun Complex
  - Takes 45 minutes from the airport to Jungmun Complex
  - Takes 20 minutes from Jungmun Complex to Seogwipo City
  - Departure time from Jeju Int’l Airport: 06:10 ~ 22:50
  - Departure time from Seogwipo City: 06:00 ~ 21:40

**Taxi**
- Takes 40 minutes from Jeju Int’l Airport to ICC JEJU
ICC JEJU at a glance

**Open Year**  
- 2003

**Building**  
- 7 floors in height / total building area: 63,477m²

**Major Facility**  
- Auditorium Hall-Tamna Hall
- 27 small and medium size conference rooms and exhibition hall

**Service Area**  
- Duty-free shop, restaurants, bank, local souvenir shops

**Main Features**  
- Up-to-date conference infrastructure and equipment
- Internationally recognized eco-friendly operation system

**Acquired EarthCheck Silver Certification in 2013 for performance on protecting and enhancing environmental action plan in building management**
ICC JEJU by Floor

5F
Fifth Floor

Conference Room
Oceanview Room
Tamna Hall

Tamna Hall
Oceanview Room
ICC JEJU by Floor

4F
Fourth Floor

Conference Rooms
A 401 B 400 A 402 B

Conference Rooms
Room 400~402
ICC JEJU by Floor

3F
Third Floor

- Business Center
- Cloak Room
- Samda Hall
- Halla Hall
- Conference Rooms
- Delizia Restaurant
- Jeju Souvenir Shop
- Convenience Store

Halla Hall
Samda Hall
Delizia Restaurant
ICC JEJU offers customized PCO Service for your successful conference & exhibition events.

ICC JEJU PCO Business Profile

- 2007 UCLG World Congress
- 2012 World Conservation Congress
- 2013 Asia Pacific Geopark Network
- 2014 AIBA Congress
- 2016 Int’l Conference on Shoulder & Elbow Surgery
- 2017 Intergovernmental Committee for the Safeguarding of Intangible Cultural Heritage (UNESCO)
Catering Service

Enhance your dining experience with your friends and colleagues at ICC JEJU providing coffee breaks, buffet, full course meals, outside catering, and wedding reception.

Our competent and professional banquet service team is ready to serve you anywhere in Jeju with a wide range of meals covering Halal, vegetarian, authentic Jeju food.
International Organizational Events

- **2012**: World Conservation Congress (IUCN) - 10,600 attendees
- **2014**: 20th UNRCC-AP & 4th UN-GGIM-AP Congress - 400 attendees
- **2017**: AIBA Congress - 600 attendees
- **2017**: Kiwanis Asia Pacific Convention - 2,000 attendees
- **2017**: AllB Annual Meeting - 2,000 attendees
- **2017**: Intergovernmental Committee for the safeguarding of the Intangible Cultural Heritage (UNESCO) - 1,200 attendees
18 Scientific Conferences

2012 4,500 Congress of Int’l Pig Veterinary

2014 1,700 World Congress of Soil Science

2014 1,300 Asia Pacific Poultry Conference

2015 3,500 Annual Meeting of the World Aquaculture Society

2015 1,500 Pacific Rim Conference of Ceramic Societies

2017 3,000 IEEE Engineering in Medicine and Biology Conference
Hotels in Jungmum Complex

- Hotel Theborn
- Hidden Cliff Hotel & Nature
- Kensington
- Hana Hotel
- Suite Hotel
- Lotte Hotel
- Hotel Shilla
- Hyatt Regency
- Hankook Condominium
- CS Hotel
- Booyoung Hotel & Resort
- Benekia Hotel
- You-Us Hotel
- Sunrise Hotel
- Jungmum Stay

Distances:
- 5km
- 3km
- 1km
Hotels in Seogwipo City

- Bareve Hotel
- Value Hotel Worldwide
- Ramada Encore Hotel
- Howard Johnson Hotel
- Vistacay Hotel Worldcup
- Park Sunshine Hotel
- Vistacay Hotel Cheonjiyeon
- Kensington Resort
- M Stay Hotel

Distances:
- 5km
- 10km
- 15km
THREE in ONE SERVICE

- Jeju offers breath-taking nature, wide range of hotels, and upscale meeting facility.

Sightseeing at your preference  
Budget to Luxury Hotels for your peace of mind  
ICC JEJU High tech & eco-friendly

LEISURE  
COMFORT  
FOCUS
Thank you