



# The 14<sup>th</sup> Asian Foundry Congress

Special conference and exhibition to celebrate the 40th anniversary  
of Korea Foundry Society

Songdo Convensia  
Incheon, Korea  
Nov. 7-10, 2017

## Invitation

It is great pleasure that the Korea Foundry Society invites all foundry engineers, scientists and foundry experts from all around the world to Incheon for the 14<sup>th</sup> Asian Foundry Congress and the Exhibition on 7-10th November, 2017.

The conference will not only offer you an exciting chance to exchange ideas on the current status of developments in the field of metal casting, but also give you a great chance to visit Korea.

The accompanying schedule also includes interesting events of entertainment, dining and spouse program.

Please come and join us to experience Korean culture and see the future of our foundry industry at the 14<sup>th</sup> AFC and the Foundry Exhibition.

On behalf of the 14<sup>th</sup> AFC organizing committee and the Korea Foundry Society, I would like to give a sincere gratitude in advance for your active participation in the 14<sup>th</sup> AFC and Foundry Exhibition.

We look forward to seeing you in Incheon, Korea.

With best regards.

Hyun-Ik Cho  
Chairman  
Organizing committee of the 14th AFC



# Organization

## Organizing Committee

### Chairman



**Prof. Hyun-Ik Cho**  
Samchully Metal Co., Ltd

### Vice-Chairman



**Dr. Hyouk-Chon Kwon**  
Korea Institute of  
Industrial Technology

### Domestic Executive Committee

- Prof. Dong-Gyu Kim (Dong-A University)
- President Jin-Soo Han (Hantek F&C)
- President Keun Jang (Inductotherm Korea Ltd.)
- Dr. Sang-Mok Lee (Korea Institute of Industrial Technology)
- Dr. In-Sung Cho (Korea Institute of Industrial Technology)
- Dr. Seung-Mok Yoo (Korea Institute of Industrial Technology)

### International Advisory Committee

- Prof. To Duy Phuong (Hanoi University of Science and Technology)
- Prof. Bambang Suharno (Universitas Indonesia)
- Prof. Yung-Ning Pan (National Taiwan University)
- Dr. Paisan Somprakit (Thai Foundry Association)
- Prof. Shinji Kumai (Tokyo Institute of Technology Japan)
- Mr. Takeshi Torigoe (KUBOTA Co.,)
- Prof. Shuei-Wan Juang (National Taiwan Ocean University)
- Prof. Xiong Shou-Mei (Tsinghua University)
- Prof. Lou Yangchun (Shenyang Research Institute of Foundry)
- Mr. Wen Ping (China Foundry Association)

## Program

Date	Morning		Afternoon		Evening
Nov. 7th Tuesday				Registration	Welcome Reception
Nov. 8th Wednesday	Opening Ceremony	Keynote Session	Technical Session		Foundry Person's Night
			Foundry Exhibition		
			Daily Tour		
Nov. 9th Thursday	Technical Session		Official Banquet		
	Foundry Exhibition				
	Daily Tour				
	The 2 <sup>nd</sup> WFO International Forum on Moulding Materials and Casting Technologies				
	KFS Autumn Annual Conference				
	The 4 <sup>th</sup> Asia Foundry Forum Meeting				
Nov. 10th Friday	Work's Visit				
Nov. 11th Saturday	Post Tour				

# Call for Papers

## Topics and Scopes

- Iron and steel casting
- Non-ferrous metal casting
- Die casting and semi-solid processing
- Advanced cast material and technology
- Molding materials and technologies including 3D Printing
- Computer simulation and modeling
- Foundry equipment, process control and manufacturing
- Heat, surface and finishing treatments
- Energy, environment and safety issues
- ICT convergence with foundry technology
- Other related topics

## Important Dates

- Abstract Submission Due : February 28, 2017
- Short paper Submission Due : May 31, 2017
- Final Program Announcement : July 31, 2017
- Pre-Registration Due : August 31, 2017

## Submission of Abstract

Primary authors should submit abstract by February 28, 2017 electronically via website.  
[www.afc14.or.kr](http://www.afc14.or.kr)

## Registration

### Registration Fee

Registration	Participant	Author	Student	Spouse
Pre-Registration	\$450	\$350	\$200	\$150
On-Site Registration	\$550	\$400	\$250	\$200
Work's Visit	\$100			

### Note

The registration fee includes

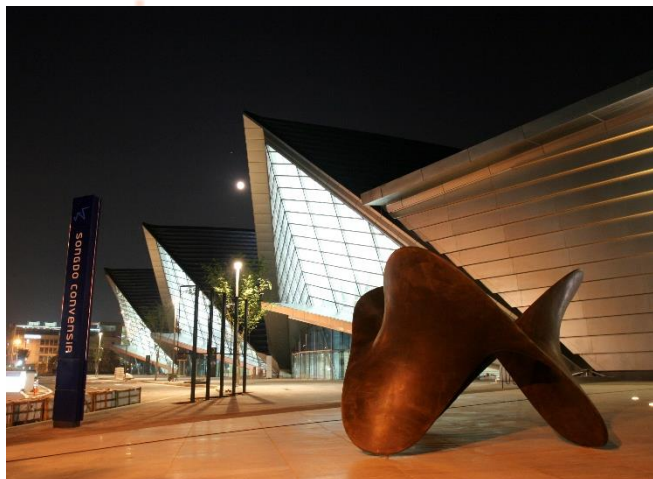
- Participant, Author and student: Admission to conference and exhibition, Proceeding, Conference kit, Welcome Reception, Lunch, Foundry Person's Night, Official Banquet
- Spouse: Welcome Reception, Lunch, Foundry Person's Night, Official Banquet
- Registration can be made via website : [www.afc14.or.kr](http://www.afc14.or.kr)
- Cash, credit card and direct debit are accepted for all participants

### Cancellation Policy

100% Refund	By Aug. 31, 2017
50% Refund	By Sep. 30, 2017
No Refund	After Oct. 1, 2017

## Venue

### Songdo Convensia located in Incheon, Hub of Northeast Asia



Incheon Free Economic Zone, where Songdo Convensia has located in, is geographically strategic location. There are 51 cities within 3.5 hours flight distance with more than 1 million population. In addition, Incheon International Airport which operates about 300 flights a day, and Incheon Harbor, the distribution center of Northeast Asia, are located in this zone. This zone provides an excellent accessibility through the sky and the ocean.

#### Excellent Accessibility

- 15 minutes with a car from Airport to Center
- 60 minutes from Seoul to Center
- 51 major cities within 3.5 hours flight distance

#### Combination of High-tech Engineering & Aesthetic Architecture

- International eco-friendly Convention Center with LEED Certification
- Cutting-edge Ubiquitous Convention Center
- Architecture with aesthetic design

#### Supreme International City Infrastructure

- Free Economic Zone & International Business District with 20 billion dollars
- City development of Songdo, Yeongjong, and Chungra

#### Convention Multiple Complex

- 6 five-star hotels within 15 minutes
- Foreign school and foreign hospitality
- Convenient facilities (Department store, Shopping mall, Office facility, and so on.)

**Address** 123 Central Street, Songdo-dong, Yeonsu-gu, Incheon, KOREA

**Tel** +82-32-210-1037 **Fax** +82-32-210-1005

#### How to get here

Incheon International Airport

1) Taxi (Travel Time : 20 ~ 30 min.)

- Fare : 30,000 ~ 40,000 Korean Won
- About : Take taxi at Gate 7C for an arrival to Songdo convensia

2) KAL Limousine (Travel Time : 30 ~ 40 min.)

- Fare : 7,000 Korean Won
- Bus stop : Start Point – Airport 4B, 11A / Arrival Point – Sheraton Hotel

3) #303 Bus (Travel Time : 30 ~ 40 min.)

- Fare : 2,800 korean Won
- Bus Stop : Start Point – Airport 2A, 2B, 9A, 9B / Arrival Point – Songdo Convensia

#### Contact Us

Organizing Committee of the 14th AFC

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# Imagine you KOREA

## Cultural Lore and Artistic Flair, Korea



The Korean peninsula stretches southward from the center of the Northeastern coast of Asia, encompassing a land area of approximately 220,000km<sup>2</sup> with some 3,400 islands dotting its coastline. Korea is currently the only nation in the world that is still divided into two different political entities. South Korea has a population of 50 million, of which about 10 million live in the capital, Seoul. Over their 5,000-year history, Koreans have achieved an indigenous culture, and their unique

cultural properties can be found throughout the peninsula. Koreans have put a high value on learning and have earned a reputation for diligence and dedication.

## Hansik, Foundation in Fermentation

Korean food is referred to in Korean as Hansik. While many other Asian ethnic foods such as Chinese or Japanese food have become popular throughout the world, Korean food has yet to reach its peak. The Korean government is crusading for the globalization of Hansik in cooperation with companies, civic groups and the mass media. As the people of the world gain a better understanding of Korean food, its flavors, and its roots, Korean food will undoubtedly become a global commodity like the food of Korea's neighbors.



## Hanok, the Breathing House

Hanok is the traditional architecture style of Korea. The word Hanok embraces all types of traditional architecture including thatched-roof, shingle-roofed and tile-roofed houses. However, these days, the term Hanok is generally understood to mean only the tile-roofed house. While the thatched-roof houses made of straw or shingle-roofed houses have nearly disappeared, the tiled roof Hanok can still be found throughout the country. There are many tiled roof houses which are being maintained as cultural heritages but many are also still private residences.



## **Korean IT Culture**

After experiencing the incredibly high level of technological advancements in Korea, it is not uncommon to feel rather stifled when abroad. The Internet is often much slower and sometimes even inaccessible abroad.

Korea's cellular phone providers cater to more than 45.6 million cellular phone users, the number highest in the world when compared to the population. Coupled with that is the 94.4% household Internet service rate which is the highest among OECD nations.

Just living in Korea implies that people will benefit from the digital culture inspired by the top-notch information technology industry. The information technology of Korea does not mean the features of technology alone. The advanced information technology in Korea has contributed significantly to the digitized lifestyle of Koreans. The phrase, "IT means CT (culture technology)" is not an empty catch phrase in Korea.

## **Safety & Security**

Korea and Seoul are unique in the degree to which people enjoy the freedom to walk safely on the streets at all times. The crime rate in Seoul, especially in regard to foreign tourists, is one of the lowest in the world.

## **Currency**

The South Korean unit of currency is the won (₩), with ₩10/50/100/500 coins. Notes come in denominations of ₩1,000/5,000/10,000/50,000. The exchange rate is subject to market fluctuations.

※ As of December 2016 → 1 USD = 1,171 KRW

## **Climate and Apparel**

Seoul, situated in a temperate zone, has four distinct seasons. Sunny days and clear skies are expected, and light clothing is recommended. The average temperature range in October is between 12 degrees to 15 degrees Celsius. In the evenings, a light jacket would be advisable. A hat and comfortable shoes are recommended for some tours.

[http://english.visitkorea.or.kr/enu/AK/AK\\_EN\\_1\\_1\\_2.jsp](http://english.visitkorea.or.kr/enu/AK/AK_EN_1_1_2.jsp)

## **Credit Cards**

Major international credit cards are commonly accepted at most hotels, department stores, restaurants, and shops. Restaurants and shops generally display signs indicating what cards they accept.

## **Time Zone**

The time zone is Greenwich Mean Time +9 hours.

## **Telephones & Mobile Phones**

International/domestic calls can be made from your hotel room. Public telephones are also available and located throughout the hotel. Mobile phones can be rented at the airport or at major hotels. To apply for a mobile phone rental service, you will need identification(passport) and a credit card.

## **Business Hours**

Banks are generally open between 09:00 and 16:00 on weekdays. All banks are closed on Saturday, Sundays, and public holidays. Government office hours are usually from 09:00 to 18:00 on weekdays. Department stores are open between 10:30 and 20:00. Smaller shops have extended opening hours from 09:00 to late in the evening.

## **Electricity Supply**

The standard voltage in Korea is 220 volts. The outlet has two round holes and is the same type used in France, Germany, Austria, Greece, Turkey, and many other countries. The multi-voltage travel adapter are available at hotel's front desk. You can find it at a duty-free shop, convenience shop at Incheon Int'l Airport, or Yongsan Electronics Shopping Town.

## **Tip & Tax**

Tipping is not a regular practice in Korea. Service charges are included in your bill for rooms, meals and other services at hotels and upscale restaurants. Koreans occasionally do tip when they are especially pleased with the service they receive.

Value-Added Tax (VAT) is levied on most goods and services at a standard rate of 10% and is included in the retail price. In tourist hotels, this 10% tax applies to rooms, meals and other services and is included in the bill.

## **Emergency Call**

Int'l SOS Korea provides 24-hour emergency service for participants, for a fee, acting as a link between the patient and the Korean hospitals. For medical emergencies dial 1339.

119 Emergencies for fire/rescue & hospital services

112 Police

129 First Aid