

June 17-20, 2014



The 4<sup>th</sup> Asian  
**NIR Symposium 2014**

June 17-20, 2014

Daegu, KOREA

**2<sup>ND</sup> ANNOUNCEMENT**



# ***Welcome Address***

On behalf of the Organizing Committee, it is indeed a great honor and pleasure to invite you all to the 4<sup>th</sup> Asian NIR Symposium (ANS 2014), which will be held on June 17th to 20th, 2014, in Daegu, Korea (<http://www.ans-2014.org>). ANS 2014 aims at highlighting and treating in-depth recent developments and progress in the field of Near-infrared (NIR) spectroscopy. NIR spectroscopy is a fast and versatile method that able to analyze diverse samples non-destructively without sample preparation. Research and techniques that utilize NIR spectroscopy will be topics of the conference. These topics will include, but are not limited to:

- Theory in NIR spectroscopy
- New chemometrics improving accuracy of analysis
- Recent development in NIR instrumentations including miniaturized and imaging systems
- NIR spectroscopy in clinical and biomedical diagnosis
- New NIR applications for qualitative and quantitative analysis.

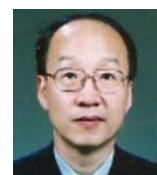
The conference will cover all aspects of NIR spectroscopy ranging from the theory to applications in various fields, such as agriculture, polymer, pharmaceuticals, chemicals and on-line quality control. Not only solely NIR spectroscopy, but also any other hyphenated analytical methods with NIR spectroscopy could be included.

Your active participation in the ANS 2014 will certainly make a successful conference. Please mark your calendar - the ANS 2014 from June 17th to 20th, 2014 in Daegu, Korea!

We look forward to seeing you in ANS 2014.

Thank you!

**Cho, Rae-Kwang**  
**Chair of ANS 2014**





## Important Date

***The deadline for abstract submission has been extended to April 20, 2014***

Subject	Date
First Announcement	September 25, 2013
Second Announcement	March 3, 2014
<b>Abstract Submission</b>	<b>Extended to Apr. 20, 2014</b>
Early Bird Registration	April 30, 2014

## Program

***The final program will be on the website soon***

<b>June 17 (Tue)</b>	15:00 – 17:00	Registration
	17:00 – 19:00	Board Meeting for Asian NIR Consortium (ANC)
	19:00 – 21:00	Welcome Reception
<b>June 18 (Wed)</b>	09:00 – 12:00	Opening, Keynote Lectures, Oral Contributions
	13:30 – 17:00	Invited Speaker, Oral and Poster Contributions, General Meeting of ANC
	19:00 – 21:00	Banquet
<b>June 19 (Thu)</b>	09:00 – 12:00	Invited Speaker, Oral and Poster Contributions
	13:30 – 17:30	Invited Speaker, Oral Contributions, Poster award, Closing Ceremony
<b>June 20 (Fri)</b>	08:00 – 18:30	Post-Conference Tour (Optional)



## ***Abstract Submission***

***The deadline for abstract submission has been extended to April 20, 2014***

### **Contributed Papers:**

The Organizing Committee invites delegates to submit abstracts for consideration as oral or poster presentations. Oral presentations may be requested, but abstracts for oral presentations will be selected by the Program Committee. Abstracts will be reviewed and requested oral presentations will be given oral time slots if the presentations fit into the oral sessions. The oral sessions will generally be devoted to subjects or themes. If an abstract is not accepted for an oral presentation it will be designated as a poster presentation.

The organizing committee requires an electronic version of the abstract as an attachment at hoeilchung@gmail.com no later than **April 20, 2014**. Notice of acceptance will be sent in May 2014. Please prepare and submit your abstract in the standard format. The standard template can be found in the conference homepage: <http://www.ans-2014.org>).

## ***Paper (Proceeding) Submission***

**During the period of April 30, 2014 – May 15 2014, all of the accepted papers will be requested to upload 2-page paper (download template from <http://www.ans-2014.org>) on the website directly.** The committee will be notifying the paper submission to each author in due course.



# Registration

**Registration will start from April 30 on the conference homepage**

All those wishing to participate in the Symposium must register. For details of registration, see the conference homepage (<http://www.ans-2014.org>).

- A regular conference registration includes the Abstract book, Banquet, Welcoming Reception and Lunch for 2 days.
- Student registrations are for full-time students who are pursuing a degree and are currently enrolled.
- Accompanying persons are inclusive of luncheons and breaks on 18-19 June, welcome reception and banquet BUT not inclusive of conference room attending.
- The registration desk will be open at 15:00 on Tuesday, June 17, 2014

## Registration Fees:

	Early Bird Registration (before April 30, 2014)	On-site Registration
Conferee	\$ 350	\$ 450
Students	\$ 250	\$ 300
Accompanying Persons	\$ 200	\$ 250

## Payment:

- Payment in US \$ without any charges to the beneficiary should be made by credit card (Visa or Master Card)
- Participants are highly encouraged to pay by credit card only, bank transfer is not accepted.
- For those who cannot process the credit card, payment by cash on site in USD (or equivalent Korean Won at the time of payment) is possible, but the on-site registration will be used.

## Venue

ANS 2014 will be held at Hotel Inter-Burgo EXCO, a newly inaugurated hotel in Daegu .

(<http://eng.ibexco.net>)



## Accommodation

- All participants are recommended to stay at Hotel Inter-Burgo EXCO during ANS 2014. The special price is:
  - **Double (one double bed): 105,000 KRW/night (tax included)**
  - **Twin (one double bed and one single bed): 115,000 KRW/night (tax included)**

**The above prices do not include breakfast. Breakfast is optional (17,000 KRW).**
- Fill out the hotel reservation form on the conference website, send it directly the hotel (email address: [hotelexco@inter-burgo.com](mailto:hotelexco@inter-burgo.com))
- Room sharing can be arranged. Organizing committee can assist participants in roommate searching. For more info, please contact to [ssaranwong@hotmail.com](mailto:ssaranwong@hotmail.com)



## Visas

Foreigners wishing to enter the Republic of Korea to attend ANS 2014 should possess valid passports and valid entry visas, if required. Visitors for sightseeing or transit with confirmed outbound tickets may stay in Korea up to 30 days without visas, except those from certain countries. Any visitor from a country that has no diplomatic relations or no special visa exemption with Korea should obtain an entry visa before coming to Korea. If you are uncertain as to the requirements for entry visas to the Republic of Korea, please contact the Korean Embassy or the consulate nearest to you as soon as possible. For more information, please visit the Ministry of Foreign Affairs and Trade's website at <http://www.mofat.go.kr/ENG/main/index.jsp>

## Transportation

- Arriving at Incheon International Airport (<http://www.airport.kr/eng/>)
  - Option A: *by Train*
    - Take an airport train from Incheon International Airport to Seoul Station (50 minutes),  
<http://english.arex.or.kr/jsp/eng/main.jsp>
    - At Seoul Station, take a KTX train to DongDaegu Station (100 minutes),  
<http://www.korail.com/>
    - The fare will be cheaper above-mentioned two tickets are combined.
  - Option B: *by Bus*
    - Take a bus to DongDaegu Bus Terminal (4 hours 30 minutes),  
<http://www.airport.kr/airport/traffic/bus/busList.iia?flag=E>
- Arriving at Gimhae International Airport (<http://www.airport.kr/eng/>)
  - Option A: *by Bus*
    - Take a bus to DongDaegu Bus Terminal (70 minutes)  
[http://www.airport.co.kr/mbs/gimhaeeng/subview.jsp?id=gimhaeeng\\_030101000000](http://www.airport.co.kr/mbs/gimhaeeng/subview.jsp?id=gimhaeeng_030101000000)

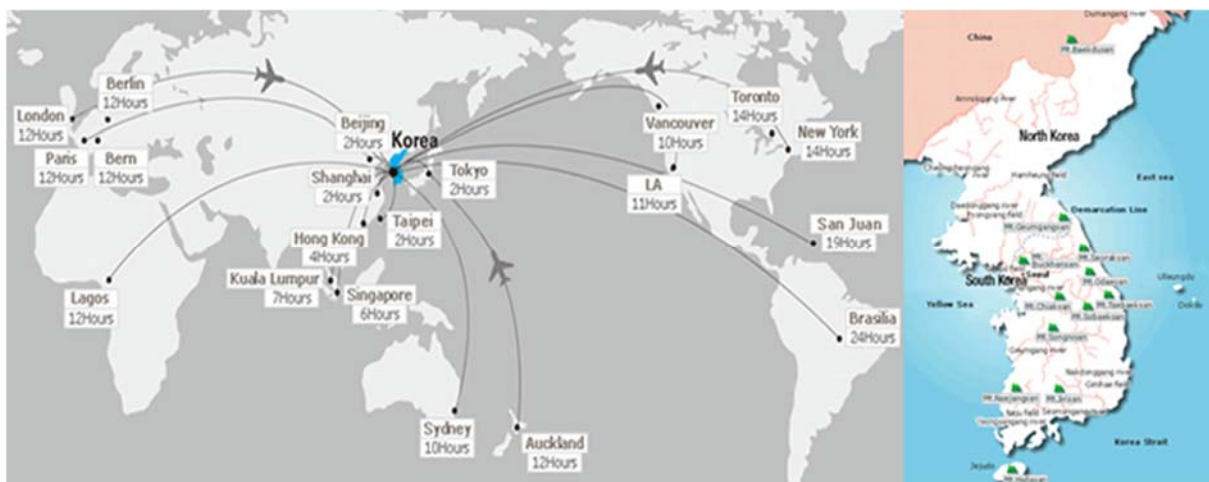


## About Korea

The Korean Peninsula is located in North-East Asia. It is bordered by the Amnok River (Yalu River) to the northwest, separating Korea from China, and the Duman River (Tumen River) to the northeast which separates Korea from both China and Russia. The country itself is flanked by the Yellow Sea to its west and the East Sea to the east. There are several notable islands that surround the peninsula including Jeju, Ulleungdo and Dokdo.

The Korean peninsula is roughly 1,030 km (612 miles) long and 175 km (105 miles) wide at its narrowest point. Korea's total land area is 100,033 sq km, and it has a population of 49.8 million people (2011).

Because of its unique geographical location, Korea is a very valuable piece of land and an international hub of Asia.



### Weather

The climate of Korea is characterized by four distinct seasons; spring, summer, autumn, and winter. Jeju in April is in the beginning of spring and the average temperature is 14.4°C (57.92°F).

Weather Information ([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))



Spring

Summer

Autumn

Winter



### Time difference

City	Time							
	1:00	4:00	7:00	10:00	13:00	16:00	19:00	22:00
<b>Seoul, Tokyo (Korea Time)</b>								
Taipei, Manila, Hong Kong, Kuala Lumpur, Singapore	24:00	3:00	6:00	9:00	12:00	15:00	18:00	21:00
Bangkok, Jakarta	23:00	2:00	5:00	8:00	11:00	14:00	17:00	20:00
New Delhi, Calcutta	22:00	1:00	4:00	7:00	10:00	13:00	16:00	19:00
Teheran, Kuwait, Jeddah	19:00	22:00	1:00	4:00	7:00	10:00	13:00	16:00
Hamburg, Rome, Paris, Amsterdam	17:00	20:00	23:00	2:00	5:00	8:00	11:00	14:00
London, Madrid	16:00	19:00	22:00	1:00	4:00	7:00	10:00	13:00
Rio de Janeiro, Sao Paulo	13:00	16:00	19:00	22:00	1:00	4:00	7:00	11:00
New York, Montreal, Bogota, Toronto	11:00	14:00	17:00	20:00	23:00	2:00	5:00	8:00
Chicago, Houston	10:00	13:00	16:00	19:00	22:00	1:00	4:00	7:00
Vancouver, Seattle, San Francisco, Los Angeles	8:00	11:00	14:00	17:00	20:00	23:00	2:00	5:00
Sydney, Melbourne	2:00	5:00	8:00	11:00	14:00	17:00	20:00	23:00

### Korean currency



1,000 won



5,000 won



10,000 won



50,000 won



500 won



100 won



50 won



10 won

### Electricity and Voltage

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.

### Helpful Numbers

- Emergency Medical Information Center, 1339
- Information Service – International Call 00794
- International Call Service 00799
- Local telephone number guide – Local area code + 114
- Tourist Complaint Center 02-735-0101

### Useful Website

- Korea Tourism Organization (<http://kto.visitkorea.or.kr/eng.kto>)
- Gateway to Korea (<http://www.korea.net>)
- Seoul Convention Bureau (<http://www.miceseoul.com>)
- Seoul Metropolitan Government (<http://english.seoul.go.kr>)
- Visit Seoul (<http://www.visitseoul.net>)
- Korea Immigration Service (<http://www.immigration.go.kr/indeximmeng.html>)
- Ministry of Foreign Affairs and Trade (<http://www.mofa.go.kr/ENG/visa/application/index.jsp>)
- Incheon International Airport (<http://www.airport.kr/eng>)

## Sightseeing in Daegu

### Herbhillz

#### Intro :

Naengcheon Resort is located in Mt. Choejeongsan by the Naengcheon Stream, which flows from the Paljoryeong Ridge. Numerous rocks, large and small, add to the scenery of the surrounding valley. Gachang Dam can be found in the upstream area. Because of its scenic surroundings, it is very popular among those who enjoy a summer resort. There is a drive-in theater, a zoo, an agricultural museum, and amusement rides.



#### Address :

San 75, Yonggye-dong, Dalseong-gun

#### Phone :

82-53-767-7300

#### Homepage :

<http://herb.15449642.com/>

### Mt. Palgongsan

#### Intro :

The mountain between Gyeongsangbuk-do and Daegu stands 1,193 meters high. It is a famous mountain in Daegu and sits about 20 kilometers north of the center of the city. The area is the center of Buddhist culture in Korea and harbors many temples surrounded by its scenic rocks and streams.



#### Address :

Gongsan-dong, Dong-gu, Daegu

#### Phone :

82-53-982-0005

#### Homepage :

<http://www.gbpalgong.go.kr/main/main.htm>

## Seomun Market

### Intro :

This market has been one of the three major markets in Korea since 1669 when it was first established during the Joseon Dynasty. Moved to its present location in 1920, the market is divided into 6 zones with over 4,000 shops. Seomun Market carries various items ranging from agricultural products and fish to manufactured goods. (9am to 8pm, Closed on the 2<sup>nd</sup> & 4<sup>th</sup> Sundays)



### Address :

Daeshin-dong 115-378, Jung-gu, Daegu

### Bus :

No. 300, 414, 600, 836, 840, 323-1, 309, 400

### Subway :

Seomun Market station (Line 2)

## Daegu Tower

### Intro :

The most conspicuous architectural landmark for the metropolitan city of Daegu. Located at the European-style theme park within Duryu Park (1,653,965m<sup>2</sup>), Daegu Tower (202m) features a unique octagonal body conceived from the body of the Dabotap Pagoda in Bulguksa Temple. In addition to the tower, which is generally regarded as the Daegu's most conspicuous landmark, the park contains many facilities for various indoor and outdoor activities.



### Address :

Duryu-dong, Dalseo-gu, Daegu

### Phone :

82-53-620-0001

### Subway :

Duryu-station (Line 2)

More information on sightseeing in Daegu can be obtained from the following links.

1. <http://tour.daegu.go.kr/eng/>
2. <http://eng.daegucitytour.com/>