



YABEC 2011

The 17th Symposium of Young Asian Biochemical Engineers' Community
October 7 – October 9, 2011, Incheon, Korea
Songdo Convensia



YABEC 2011

The 17th Symposium of Young Asian Biochemical Engineers' Community

October 7 – 9, 2011, Incheon, Korea

Songdo Convensia

Welcome Address from Chairman of YABEC 2011

Dear Colleagues,

On behalf of the YABEC 2011 Organizing Committee, it is our great pleasure to invite you to the Symposium of Young Asian Biochemical Engineers' Community, which will be held in Incheon, Korea on October 7th - 9th, 2011. Since the first YABEC symposium was held in Seoul in 1995, this is the 17th symposium and this symposium series has developed into a key academic event among young Asian biochemical engineers.



With the 16 year history of YABEC, we have just finished our 4 cycles with the 4 member regions. At the last YABEC delegate meeting in Taiwan, it was decided that YABEC symposium would be organized under the auspices of Asian Federation of Biotechnology (AFOB), which was founded in 2008. This YABEC 2011 is the first YABEC symposium which is held under the auspices of AFOB. We are at the meaningful moment to start our 5th round together with AFOB.

As you know, the YABEC symposium has its unique characteristics, which cannot be found in other conventional conferences. The YABEC symposium provides us with the opportunity to share not only academic information but also YABECian Spirit including family-like friendship and Bio-Fun mind. We are therefore proud to welcome you to this exciting symposium, and hope that you will contribute actively to make the symposium a success, both in terms of science and YABECian Spirit.

Tai Hyun Park

Chairman, Organizing Committee of YABEC 2011
Seoul National University, Korea

YABEC 2011 Organizing Committee

Chairman: Tai Hyun Park

Secretary General: Duk Jae Oh

Advisory Board: Takeshi Omasa Haijia Su Yung-Chih Kuo
Tianwei Tan Yi-Ming Sun Gyoo Yeol Jung

About the Symposium;

YABEC is an international organization whose members are young biochemical engineering professionals and scholars from Asian regions including Chinese mainland, Taiwan, Japan, and Korea. The YABEC symposium offers biochemical engineers the opportunity to present their latest results in research and exchange ideas in all aspects of biochemical engineering.

Date

October 7 (Friday) – October 9 (Sunday), 2011

Place

For Symposium;

Songdo Convensia (<http://www.songdoconvensia.com>)

Address: (406-741) Songdo-dong, Yeonsu-gu, Incheon, Korea

TEL: +82-32-210-1114~1115

For Accommodation, Reception, Social Hours and Banquet;

Ramada Songdo Hotel (<http://www.ramada-songdo.co.kr/eng/>)

Address: (406-800) 812, DongChun-1Dong, Yeonsu-gu, Incheon, Korea

TEL: +82-32-832-2000

Language: English

Program & Schedule (tentative)

Time	Event	Venue
Oct. 7 (Friday)		
14:00 – 18:00	Registration	Ramada Songdo Hotel
18:30 – 21:00	Welcome Reception	
Oct. 8 (Saturday)		
08:00 – 08:30	Transportation from Hotel to Convensia	Ramada Songdo Hotel
08:30 – 09:00	Registration	Songdo Convensia
09:00 – 09:20	Opening address	
09:20 – 11: 30	Oral Presentation 1	
11:30 – 12:30	Poster Session 1 with Coffee & Snacks	
12:30 – 14:00	Lunch	
14:00 – 16:00	Oral Presentation2	
16:00 – 17:00	Poster Session 2 with Coffee & Snacks	
17:00 – 18:00	Biofun	
18:00 – 18:20	Closing Ceremony	
18:20 – 19:00	Transportation from Convensia to Hotel	
19:00 – 21:00	Banquet	Ramada Songdo Hotel
Oct. 9 (Sunday)		
08:00 – 14:00	Half day Tour (lunch included) DMZ & The 3 rd Tunnel Tour	Departing from Hotel & Transporting to Incheon Airport

Registration

Participant Registration:

All presenting participants are invited to submit a one-page abstract and a registration form (See Abstract Form Attached). Participants from Taiwan, Japan and Mainland China are supposed to send a registration form via e-mail to the corresponding regional delegate. Participants from Korea are supposed to send via e-mail to the Program Committee (YABEC 2011, AFOB Central Office). Other participants beyond the above four regions may submit their papers directly to the Program Committee. The submission of registration form indicates that an applicant will join the meeting and pay the fees to the conference at registration.

Conference Fee:

Participant from overseas: (Japan, Mainland China, Taiwan)

200 USD for YABECian (50 years old or younger),

300 USD for OABECian (older than 50 years)

Participant from Korea:

200,000 KRW for YABECian (50 years old or younger),

300,000 KRW for OABECian (older than 50 years)

The conference fee includes registration, social program, a set of proceedings, welcome reception (dinner) on Oct.7th, lunch and banquet on Oct. 8th, and DMZ tour with lunch on Oct. 9th. For the participants, two nights' accommodations on Oct. 7th and Oct.8th are provided. Please submit the corresponding registration form.

Payment:

Participant from overseas are supposed to pay conference fee to the corresponding regional delegate. Participants from Korea are supposed to pay conference fee to Organizing Committee

Japan: Takeshi Omasa (Univ. of Tokushima, Omasa@bio.tokushima-u.ac.jp)

Mainland China: Haijia Su (Beijing Univ. of Chemical Technology, suhj@mail.buct.edu.cn)

Taiwan: Yung-Chih Kuo (National Chung Cheng Univ., chmyck@ccu.edu.tw)

Korea: Duk Jae Oh (Sejong Univ., djoh@sejong.ac.kr),

Hyo Eun Kim (AFOB, hyoeun@afob.org)

Deadline:

Deadline for participant registration is Aug 21th, 2011.

YABEC 日本事務局からまとめて連絡しますので 20 日までに日本事務局にお送りください。 yabec11@bio.eng.osaka-u.ac.jp です。

Submission of Abstract

All participants are invited to submit a one-page abstract and a registration form via e-mail for presentation at the conference to the corresponding delegate in each region. Other participants beyond the above four regions may submit their papers directly to the Program Committee of this symposium. All abstracts will be considered for oral or poster sessions. Authors may indicate a preference for oral or poster presentation on the registration form.

Excellent presentations in the Poster session are awarded at the ceremony in Banquet.

Deadline:

Deadline for Abstract submission is August 21th, 2011

YABEC 日本事務局からまとめて連絡しますので 20 日までに日本事務局にお送りください。 yabec11@bio.eng.osaka-u.ac.jp です。

Notification of acceptance will be sent to the authors by e-mail before September 1st, 2011.

Abstract Format:

- All accepted one-page abstracts will be published as received in the symposium proceedings, which will be available at the registration
- Typewritten on A4 paper with margins of 2.5 cm (top, bottom, left and right)
- Font: Times New Roman
- Title: bold and centered (14 pt)
- Authors and affiliation: 11pt, with the presenting author indicated by an underline
- Text: 11 pt, single spaced and fully justified
- File Format: Microsoft Word DOC file (should not exceed 1 Mbyte)

Oral Presentation (2 presentations from each country, 20-25 minutes/presentation)

Poster Size (W: 90cm, H: 120-150 cm)

Venue

Songdo Convensia

(<http://www.songdoconvensia.com/html/emain.php>)

Address: (406-741) Songdo-dong, Yeonsu-gu, Incheon, Korea



How to get to Songdo Convensia

Passengers can get information about Limousine and Premium Bus and purchase tickets at the following Bus Ticketing Offices: Exit 4 and 9(indoors) & Exit 4, 6, 7, 8, 11, 13, and 9C (outdoors).

* Inquiries on ticket purchase for buses

* Online purchases are available only for buses going to local provinces:

<http://www.airportbus.or.kr>

Accommodation and Tour

For YABEC 2011 participants, a block of rooms are reserved in Ramada Songdo Hotel located not far from Songdo Convensia.

Ramada Songdo Hotel

<http://www.ramada-songdo.co.kr/eng/>

Address: (406-800) 812, DongChun-1Dong, Yeonsu-gu, Incheon, Korea

TEL: +82-32-832-2000

How to get to Ramada Songdo Hotel

Public Transportation to RAMADA SONGDO from Incheon International Airport

Airport Limousine (Dowon Limousine, 032-424-7878)	Bus headed to Songdo International City / 80-minute ride / bus available every 20-30 minutes / gate: 2B, 9B Operation hours: 06:30 - 10:30 (Airport -> Yeonsu-gu Office (Songdo International City)) 04:30 - 20:30 ((Songdo International
--	--

Contact Information

If you have any questions regarding the conference, please contact symposium Secretary General with the following address either by e-mail, fax or mail.

Duk Jae Oh

Secretary General of YABEC 2011

Dept. of Bioscience and Biotechnology, Sejong University

djoh@sejong.ac.kr

Tel: +82-2-3408-3764, FAX: +82-2-3409-3764

Mobile: +82-10-8790-6620

Hyo Eun Kim

Senior Secretary of AFOB

hyoeun@afob.org

Tel: +82-32-260-0066, FAX: +82-32-260-0067

Mobile: +82-10-6476-0111

Half-day Tour on Oct. 9th (Sunday)

<DMZ & the 3rd Tunnel>

What is DMZ (Demilitarized Zone)?



Military Demarcation Line
(Boundary line for the South and the North)

The Military Demarcation Line is surrounded by the Demilitarized Zone under the provisions of the Armistice (cease-fire) Agreement signed on July, 1953. The Military Demarcation Line runs 155miles and separates the South and the North. Southern and Northern boundaries of the DMZ are located 2km apart from the MDL.

The Demilitarized Zone, which consists of the area between Southern and Northern boundaries of the DMZ, was established to serve as a buffer zone to prevent any means of provocative action and collision between the South and the North.

The civilian off-limit line was set up near the southern boundary of DMZ creating the civilian off-limit area, and its exact location varies from 5 to 20km away from Southern boundary of the DMZ. The civilian off-limit area is different from the actual DMZ where installation of military facilities, station of armed troops and positioning of weapons are prohibited under the provisions of the Armistice Agreement.

Because of its low population density and restrained development, the civilian off-limit area was able to maintain excellent level of natural environment. Along with the DMZ, the area recently is highly valued for environmental resource and undisrupted ecosystem.



DMZ



guard on duty at fence



guard on duty at check point



DMZ

The DMZ and the cease-fire line was established in July 1953 as a result of the Korean War that started in 1950 as well as an effort of the US and then Soviet Union to disarm Japan by separating the Korean peninsula into two parts along the 38th parallel line.

The cease-fire line is a separation line for front that was established on 27th July, 1953, following up the Armistice Agreement signed between the commander of the UN forces, the commander of the Chinese People's Army, and the commander of the North Korean People's Army. It is stated on Article 1 and Clause 1 of the Armistice Agreement that both party will establish a single military demarcation line to

secure the demilitarized zone by mutually retreating 2 km from both party. The 'cease-fire line' indicates the 'Military Demarcation Line'. Unlike the DMZ which was agreed upon by both parties, the 'civilian off-limit line' was established from an independent decision of South Korea. The civilian off-limit line indicates the boundary line whose locations vary between 5 to 20m south of the southern boundary of the DMZ. The purpose is to control the civilian access into the hazardous area near the DMZ, to prevent the civilians from being exposed to a dangerous situation, to prevent information leakage and to protect military facilities.

The area between the southern boundary of the DMZ and the civilian off-limit line can be classified as an area which was borne as an offspring from the MDL and thus dividing the peninsula, and an area where the civilian lives are strictly under control and the development is limited, and also an area the nature maintains its pure state thanks to the restriction on the public access.

The civilian off-limit area is where freedoms of inhabitation, movement, choice of occupation, and ownership of personal property are highly restricted and thus civilian entrances are allowed only within limited scope.



Line drawing



MDL



Indication sign for civilian off-limit line

● Dora Observation



Dora OP was newly installed after the closing of Song-Ak San OP. It is the OP in the northernmost location in South Korea, which is open to the public to allow them to have a glimpse of the live in North Korea. Through the binoculars, it is possible to see details of the Gaesong City including the Song-Hak mountain, a statue of General Kim, Ki-Jong Dong, outskirts of Gaesong, Keum-Am Gol(collective farm), and train funnel remained from the Korean War(Jang-Dan station). The Dora OP was first open to public in January 1987 and it covers an area of 243 units of area, which consists of 500 seats, a VIP room, an operation room, a parking lot and more.



Complete view of Dora OP



Inside of Dora OP 1



Inside of Dora OP 2

◉ DMZ the 3rd Tunnel tour / Regular tour

You will be able to take the monorail into the 3rd Tunnel.

To provide Korean and foreign visitors with a safe and convenient means of touring the 3rd Tunnel area, Paju City built a railway within the tunnel area and has been operating a shuttle bus system that runs from the Dora Observatory to the Dora Mountain Station.

Through the cooperation of Paju City and the North Gyeonggi Tourism Conference, our travel agency provides exclusive railway tour services into this area at specified times each day for a set number of people.

◉ Itinerary

	Passport/Citizen Registration Number & Identity Check.
	Departure from RAMADA Hotel/Start for Imjingak (Freedom Highway)
	Tour the Freedom Bridge (at Imjingak Park)
	Tour the 3rd Tunnel (via monorail) & DMZ Exhibition &
	Tour the Dora Observatory
	Tour the Dora Mountain Station (includes indoor tour)
	Lunch (Bulgogi)
	Leave for Incheon Airport (Freedom Highway)
	* Schedule may be subject to change due to special circumstances of the local military site, traffic or natural disaster.

◉ Notice

1. You must come to the hotel lobby at least 10 minutes before the departure time.
2. You must have your passport with you on the tour (Koreans need their ID card).
3. No drinking of alcohol in the tour.
4. You must follow the instructions of your tour guide while on the tour.
5. There is no special dress code.