

BIEN 2013

KW-Leadership SE-Future

Korean Woman's Leadership
in Science & Engineering and Future

2013. 8. 22 (Thu) ~ 24 (Sat)
Sheraton Grande Walkerhill, Seoul, Korea



BIEN 2013
KW-Leadership SE-Future
Korean Woman's Leadership
in Science & Engineering and Future

Supported by Ministry of Science, ICT & Future Planning (MSIP)
International Network of Women Engineers and Scientists (INWES)



Organized by
The Association of Korean Woman Scientists and Engineers (KWSE)

Invitation

On behalf of the organizing committee, we cordially invite you to BIEN2013, an international conference of woman scientists and engineers, to be held in the beautiful and historical city of Seoul, Korea from August 22th to 24th, 2013. This year's conference is held in celebration of the 20th anniversary of the founding of the Association of Korean Women Scientists and Engineers(KWSE). The BIEN conference was initiated in the year 2003 in Daejeon as the first international conference organized by KWSE where 500 participants attended from 20 countries. The interim board meeting of the International Network of Women Engineers and Scientists (INWES) was held then. In 2009, BIEN2009 was held in Busan in conjunction with the regional conference of INWES where 300 participants from 24 nations gathered under the theme, "Women in Green Technology towards a Sustainable Asia."

The theme for BIEN2013 is "KW-Leadership, SE-Future (Korean Woman's Leadership in Science & Engineering and Future)". Through this international conference, we aim to spread and exchange the achievements of women scientists in Bio, Nano, Information, Energy & Environment and Space technologies, Basic science and Convergence technology. We also try to strengthen the global position of women scientists and engineers and build the proper foundation for collaboration and partnership between domestic and foreign scientists and engineers.

This meeting will act not only as a forum for scientists, engineers, and researchers with common interests, but also as a special occasion where participants can discuss future research and technological advancements.

Seoul, the capital of Korea, features unique cultural heritage sites preserved for thousands of years and has been rapidly attaining global recognition as one of the most fascinating places in the world. We warmly welcome all of you to visit Seoul!

Once again, we look forward to seeing you at BIEN2013 in Seoul and we are sure that your participation will contribute to the success of BIEN2013.

Yong-Hyeon Shin, Ph.D.
Chair, BIEN2013

Shin

Seong Ok Han, Ph.D.
Chair, Organizing Committee

SEONG OK Han

Organizing Committee



Scientific Committees Chair

- Haryoung Poo (KRIBB)

Special Committee Chair

- Sun-Hwa Hahn (KISTI)

Advisory Committee

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- Kwang Hwa Chung (KBSI) • Mi-Sook Won (KBSI)
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- Hyong-Ha Kim (KRIS)
- Shin Ae Kim (KAERI) • Eugene Kim (ADD)

Scientific Committees

Nano Technology Subcommittee

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- Hyunjung Lee (Kookmin U)
- Jeong Sook Ha (Korea U) • Yun Jeon Hwang (KIST)
- Sung-Jin Kim (Ewha W U) • Seung Mi Lee (KRIS)

Environment/Energy Technology Subcommittee

- Mun Ja Kang (KAERI), Chair
- Kyung-Ja Ha (Pusan Nat'l U)
- Jihye Gwak (KIER) • Meehye Lee (Korea U)
- Jae Lim Lim (K-water) • Sun Yeong Choi (KAERI)
- Gwi Sook Jang (KAERI) • Hee-eun Song (KIER)

Bio Technology Subcommittee

- Eun- Wie Cho (KRIBB), Chair
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- Young-Joo Jang (Dankook U) • Myung Hee Kim (KRIBB)
- Jung-Sook Lee (KRIBB) • Seohyun Ahn (LG Life Sci.)
- Sun Young Lim (Korea Maritime U)

Space Technology/Engineering Subcommittee

- Hyo-Suk Lim (KARI), Chair
- Hyoun-Kyoung Kim (KARI)
- Nayoung Lee (KARI) • SeokHee Lim (KARI)
- Jo Ryeong Yim (KARI) • Eun Jung Choi (KASI)
- Junga Hwang (KASI) • Juhea Kim (KITECH)
- Myung Suk Jung (ADD) • Eunsuk Yoon (ADD)

Convergence Technology Subcommittee

- Myung-Ae Chung (ETRI), Chair
- Sun Ju Choi (KAERI) • Jin Sir Seong (Yonsei U)
- Jin Young Jeong (KRIBB) • Sun-mi Choi (KIOM)
- GuneHee Jo (Institute Health Environment)

Information Technology Subcommittee

- Ae-Soon Park (ETRI), Chair
- Euy-hyun Suh (Mokwon U)
- Jong-Hwa Yi (ETRI) • Jae Sook Cheong (ETRI)

Basic Science Subcommittee

- Kyung-Hoon Kwon (KBSI), Chair
- Jin-Hee Yoon (Inha U)
- Jeehyun Lee (Yonsei U) • Song-Hee Han (MMU)
- Mi Young Song (NFRI) • Jisoo Hwang (KRIS)

Special Committee

- Miock Mun (WISSET Center) • Jung Sun Kim (Dongseo U)
- Mi Young Han (KOFAC) • Gapsoon Moon (Inje U)
- Younsok Shin (Chonnam U) • Ghilsoo Nam (KIST)
- Eunjung Sung (KRIS) • Jang Hee Chu (KIPO)
- Eunsook Ma (Catholic U of Daegu)

Young Scientist Committee

- Sunyung Ly (CNU)
- Ran Baik (Honam U) • EunKyeong Kim (KIST)
- Youngjoo Kwon (Ewha W U) • Bokyoung Lee (Yonsei U)

Program Schedule

Important Dates

Abstract Submission Due: June 15, 2013
 Notification of Acceptance: June 30, 2013
 Early Registration: by July 15, 2013

Conference Program (tentative)

| | 08. 21 (Wednesday) | 08. 22 (Thursday) | | | 08. 23 (Friday) | | | 08. 24 (Saturday) | | |
|-----------|-----------------------------|-------------------------|-----------------------|-----------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------|
| Morning | | Scientific Session (IT) | Special Session (I) | Young Women Scientists Camp | Scientific Session (EET) | Scientific Session (BT) | Special Session (II) | Scientific Session (NT) | Scientific Session (Ba) | |
| | | | | | Poster Session II | | | Closing | | |
| Afternoon | Young Women Scientists Camp | Lunch | | | Lunch | | | Optional Tour | | |
| | | Opening Ceremony | | | Scientific Session (ST) | Scientific Session (CT) | Special Session (III) | | | Smart Sister Program |
| | | Plenary Session | | | | | | | | KWSE Branch Workshop |
| | | Poster Session I | | | Poster Session III | | | | | |
| Evening | | Welcome Reception | | | Banquet | | | | | |

| | |
|---------------------|-------------------------------|
| Special Session I | The 20th Anniversary of KWSE |
| Special Session II | Women Policy & Education |
| Special Session III | Women Leadership |
| NT | Nano Technology |
| EET | Environment/Energy Technology |
| BT | Bio Technology |
| ST | Space Technology/Engineering |
| CT | Convergence Technology |
| IT | Information Technology |
| Ba | Basic Science |

Call for Abstracts

The BIEN2013 Scientific Committee cordially invites you to submit abstracts for Poster or Oral Presentations of the 7 topics listed below.

Scientific Session

- Nano Technology
- Environment/Energy Technology
- Bio Technology
- Space Technology/Engineering
- Convergence Technology
- Information Technology
- Basic Science

Special Session

In accordance with the 20th Anniversary of KWSE, a Special Session will be organized with outstanding invited speakers from home and abroad.

- Roles and Achievements of Woman associations in Science and Technology
- Women Leadership in Science and Technology
- Policy and Education for Women in Science and Technology

Young Women Scientists Camp

Prior to the conference, a two-day camp will be held for young women scientists from Asia and the Pacific nations. This event will provide future women scientists with opportunities to meet and network with fellow scientists from different countries. A tour to the Korea Institute of Science and Technology (KIST) is planned on the second day.

Smart Sister Program

A program especially designed for international scientists in Korea will be offered during the conference. Korean women scientists will be matched as counterparts to help understand cultural differences.

Registration

Registration

All participants are required to register online or submit the filled registration form. For more information, please visit the BIEN2013 website (www.bien.or.kr).

| Date Rate | Early Registration (by July 15, 2013) | | On-site Registration (after July 16, 2013) | |
|---------------------------------------|---------------------------------------|---------|--|---------|
| | USD | KRW | USD | KRW |
| Member | 250 | 280,000 | 300 | 330,000 |
| Regular | 300 | 330,000 | 350 | 380,000 |
| Student or Accompanying Persons | 150 | 150,000 | 200 | 200,000 |

Members of KWSE qualify for the 'Member Rate'

If you would like to become a member of KWSE, please register at the KWSE website, www.kwse.or.kr.

Registration fee includes:

- Admission to all sessions, welcome reception, lunches, refreshment breaks, and banquet
- Conference materials including program book, abstracts and conference bag
- On the day of the event, students must bring their student ID to the Information Desk to qualify for the Student Rate.
- Accompanying person fee includes admission to the reception and the banquet
- Optional tours are bookable via the website.

Confirmation of Registration

An automatic confirmation email will be sent to you upon registration. Please note that the receipt will be sent via email after your payment is confirmed.

Payment Options

We provide two payment options: on-line credit card payment is preferred. However, if you are unable to use it, wire transfer through the bank can also be an option. Please refer to the bank information for wire transfer posted on the website (www.bien.or.kr), and also note this payment option may cause a delay in processing.

Cancellation Policy

By July 15, 2013: full refund

Between July 16 and 31, 2013: 60% refund (40% administrative fee will be charged).

From August 1, 2013: no refund

Refund policy will be subject to the following conditions:

1. A written request of cancellation should be sent by fax (+82-2-457-4978) or e-mail (secretariat@bien.or.kr).
2. All refunds will be processed after the conference by bank transfer (All bank charges are the responsibility of registrants).

General Information

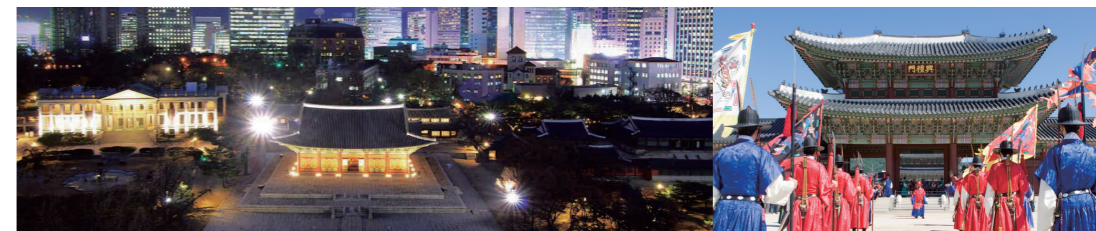
Venue



Boasting a breathtaking panoramic view of the Han River and located amidst breathtaking natural scenery, the Sheraton Grande Walkerhill business hotel and resort is a premium accommodation facility with easy access to Gangnam, Seoul's bustling convention district. A wealth of quality leisure and business facilities combined with a dedicated team of experienced and professional staff will ensure every aspect of your visit meets the high expectations of the Sheraton brand.

- Address : Walkerhill-ro 177, Gwangjin-gu, Seoul, 143-708, Korea
- Website : <http://www.sheratonwalkerhill.co.kr>
- Tel : 82-2-455-5000

About Seoul



Seoul, as the capital city of Korea, acts as the political, cultural, commercial, and financial center. Seoul is also a historical city, the ancient capital of the Chosun Dynasty for 500 years, with many tourist attractions, including old palaces and gardens. In Seoul, the past and the present meet together and coexist in harmony. During the meeting, you will be able to enjoy both the flavor of the traditional Korean culture and the excitement of a sprawling metropolitan city.

Seoul is the world's 10th-largest city. Its past and present coexist in a fascinating way; centuries-old palaces, city gates, shrines, gardens, and priceless art collections attest to the city's illustrious past, while the glistening facades of soaring skyscrapers and the bustling traffic represent its vibrant present. Located along the Han River, Seoul has grown into a teeming metropolis with a population of more than 12 million. Over the years, the capital city of Korea has greatly expanded in the process of urbanization and industrialization and continues to grow as the thriving center of the country's political, economic, cultural and educational activities.

For more information, please visit http://www.visitseoul.net/en/index.do?_method=main

Contact

Secretariat of BIEN2013

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- Homepage : www.bien.or.kr