



ICWES13



International Conference of Women Engineers and Scientists

August 26-29, 2005 Seoul, Korea

Final Report

INWES board meeting
Lille, France
May 21~23, 2006





General Information

Dates

August 26~29, 2005

Venue

Ewha Womans University, Seoul, Korea

Organizer

**The Association of Korean Woman
Scientists and Engineers (KWSE)**
ICWES13 Chair: Myung Hee Jung
Organizing Committee Chair: Kong-Joo Lee

Theme

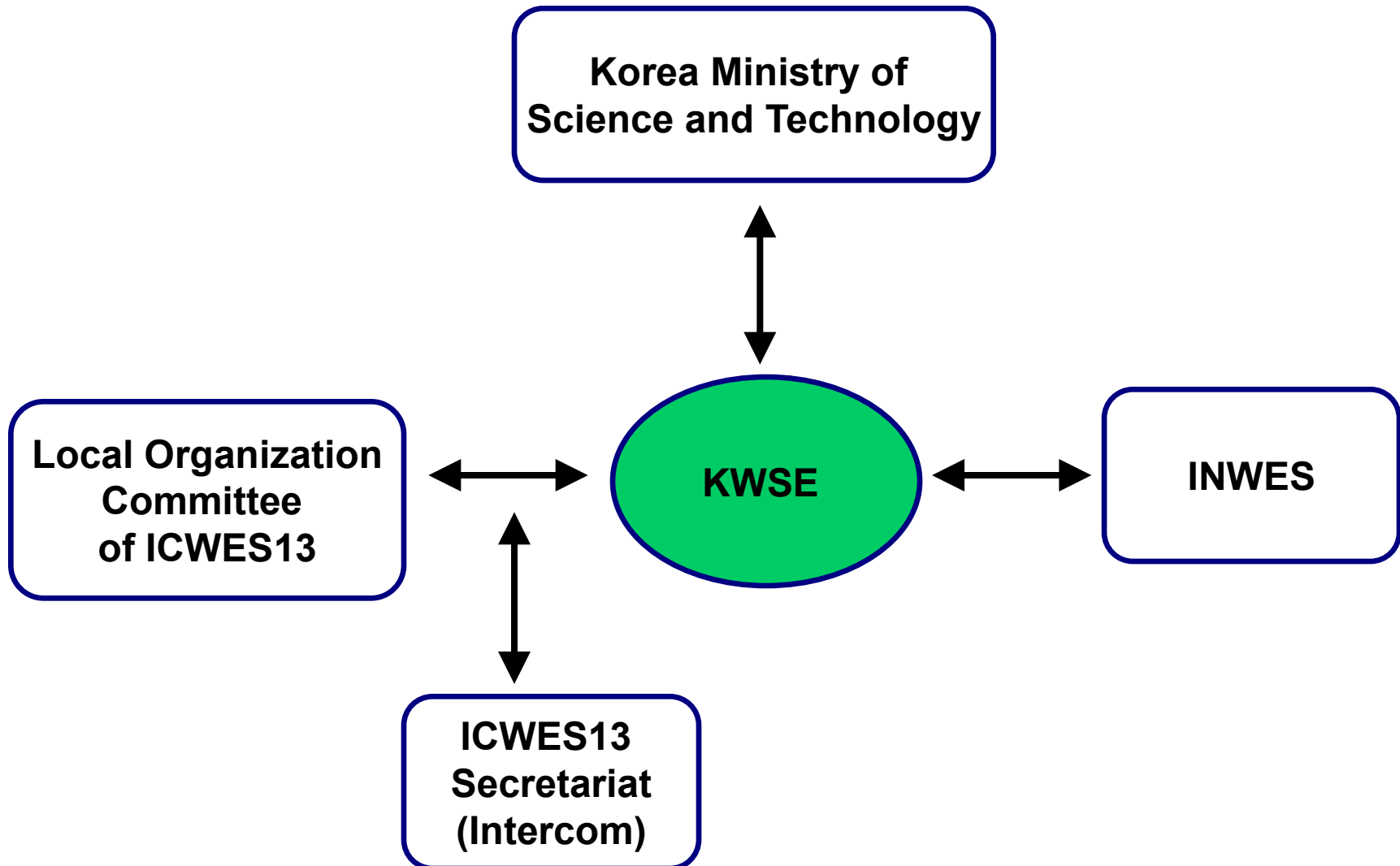
**Women Engineers and Scientists:
Main Force to Reshape the Future World**

Financial Support

Sponsors

**Korea Science Foundation,
Korea Science and Engineering Foundation,
Dongwon F&B Co., Ltd., L'Oreal, AUDI,
Ministry of Commerce, Industry and Energy,
SAMSUNG Electronics,
Korea Water Resources Corporation,
National Institute for Supporting
Women in Science and Technology,
Korea Industrial Technology Foundation,
Korea Hydro & Nuclear Power Co.,
Ltd., POSCO, SK Telecom and more.**

Organization



Organization

Korea Ministry of Science and Technology	<ul style="list-style-type: none"> •Government support and cooperation •Funding for travel awards (mostly from 3rd world countries)
KWSE	<ul style="list-style-type: none"> •Overall planning, preparation, evaluation, maintenance, reports •Central Organization
Local Organization Committee	
INWES	<ul style="list-style-type: none"> •Advisory support, consultations •Overseas announcements •Sponsors (AUDI, WES etc)
ICWES13 Sctrariat (Intercom)	<ul style="list-style-type: none"> •ICWES13 advertisement •Secretariat service

Local Organization

Advisory Committee

Myung Ja Kim

The National Assembly of the Republic of Korea

In-Ryung Shin

President of Ewha Womans Univ.

**Science, Technology, Information and
Telecommunication Committee**

The National Assembly of the Republic of Korea

ICWES13 Chair

Myung Hee Jung

President of KWSE

Organizing Committee Chair

Kong-Joo Lee

Dean, Ewha Womans Univ.

Local Organization

Administrative Committee

Jung Sun Kim

Dongseo Univ.

Yong-hyeon Shin

Korea Research Institute of Standards and Science

Mun Ja Kang

Korea Atomic Energy Research Institute

Hyang-Sook Lee

Ewha Womans Univ.

Finance Committee

Kyeong Sook Kim

Korea Electric Power Research Institute

Hyunju Chang

Korea Research Institute of Chemical Technology

In-Seon Lee

Keimyung Univ.

Local Organization

Publicity Committee

Seong Ok Han

Korea Institute of Energy Research

Mi-Sook Won

Korea Basic Science Institute

Hi-Il Yi

Korea Ocean Research & Development Institute

Young-Sun Choi

Daegu Univ.

Hunjoo Ha

Ewha Womans Univ.

Local Organization

Scientific Session Committee

Information Technology

Junghee Song

Ministry of Information and Communication, the Republic of Korea

Hyunsook Cho

Electronics and Telecommunications Research Institute

Hyang-Sook Lee

Ewha Womans Univ.

Hyesook Lim

Ewha Womans Univ.

Eunok Paek

The Univ. of Seoul

Local Organization

Scientific Session Committee

Nanotechnology

Kyungwha Yoo

Yonsei Univ.

Myung-Ae Chung

Electronics and Telecommunications Research Institute)

EunKyoung Kim

Yonsei Univ.

Sung-Jin Kim

Ewha Womans Univ.

Local Organization

Scientific Session Committee

Biotechnology

Hee-Bok Oh

National Institute of Health

Eunhee Kim

Paichai Univ.

EunKyeong Kim

Korea Institute of Science and Technology

Kyunglim Lee

Ewha Womans Univ.

Haryoung Poo

Korea Research Institute of Bioscience and Biotechnology

Local Organization

Scientific Session Committee

Energy / Environment / Space Technology

Heesook Park

Agency for Defense Development

Kyungsook Cho

Ewha Womans Univ.

Hyenmi Chung

Nat'l Institute of Environmental Research

Kyung-Ja Ha

Pusan Nat'l Univ.

Hye-Rim Kim

Korea Electric Power Research Institute

Hyo-Suk Lim

Korea Aerospace Research Institute

Local Organization

Scientific Session Committee

Education and Ethics Session Committee

Jeong-A Lee

Chosun Univ.

Hye Sun Kim

Ajou Univ.

Sugie Shim

Kongju Nat'l Univ.

Gender and Leadership Session Committee

Byung-Joo Min

Korea Atomic Energy Research Institute

Jae Kyung Lee

Ewha Womans Univ.

Jeong-Ro Yoon

Korea Advanced Institute of Science and Technology

KWSE

Official name

**The Association of Korean Woman
Scientists and Engineers**



Date founded

August 16, 1993

Objectives of the Association

1. To Foster Education of Women in Science and Technology
2. To Facilitate Research Collaborations among women through Information exchange.
3. To Support the rights and elevate the status of women engineers and scientists
4. To Establish networking among Women in Science and Technology

Members

1,114 members (as of February, 2006)

Timetable

	August 26 (Fri)	August 27 (Sat)	August 28 (Sun)	August 29 (Mon)	
08:00					08:00
09:00				Oral Sessions 7	09:00
10:00		Invited Lecture & Oral Sessions 3	Invited Lecture & Oral Sessions 5	Invited Lecture & Oral Sessions 8	10:00
11:00		Break	Break	Break	11:00
12:00		Plenary Lecture 2	Plenary Lecture 4	Plenary Lecture 5	12:00
13:00		IT WK EY WK Lunch	Lunch Mentoring WK	Closing Ceremony	13:00
14:00	Registration Opening Ceremony Plenary Lecture 1 Break	Registration Plenary Lecture 3 Poster Session 1 Oral Sessions 4	Registration Women Scientists & Engineers in Korea: Challenges and Opportunities INWES Session Poster Session 2 Invited Lecture & Oral Sessions 6	Industry Tour Excursion	14:00
15:00	Exhibition Invited Lecture & Oral Sessions 1 Break Oral Sessions 2	Gender and Leadership Symposium	Exhibition		15:00
16:00					16:00
17:00					17:00
18:00					18:00
19:00		Dinner (Sponsored by NIS-WIST)	Gala Night (Sponsored by Seoul Metropolitan Government)		19:00
20:00	Welcome Reception (Sponsored by Ewha Womens Univ.)				20:00
21:00					21:00

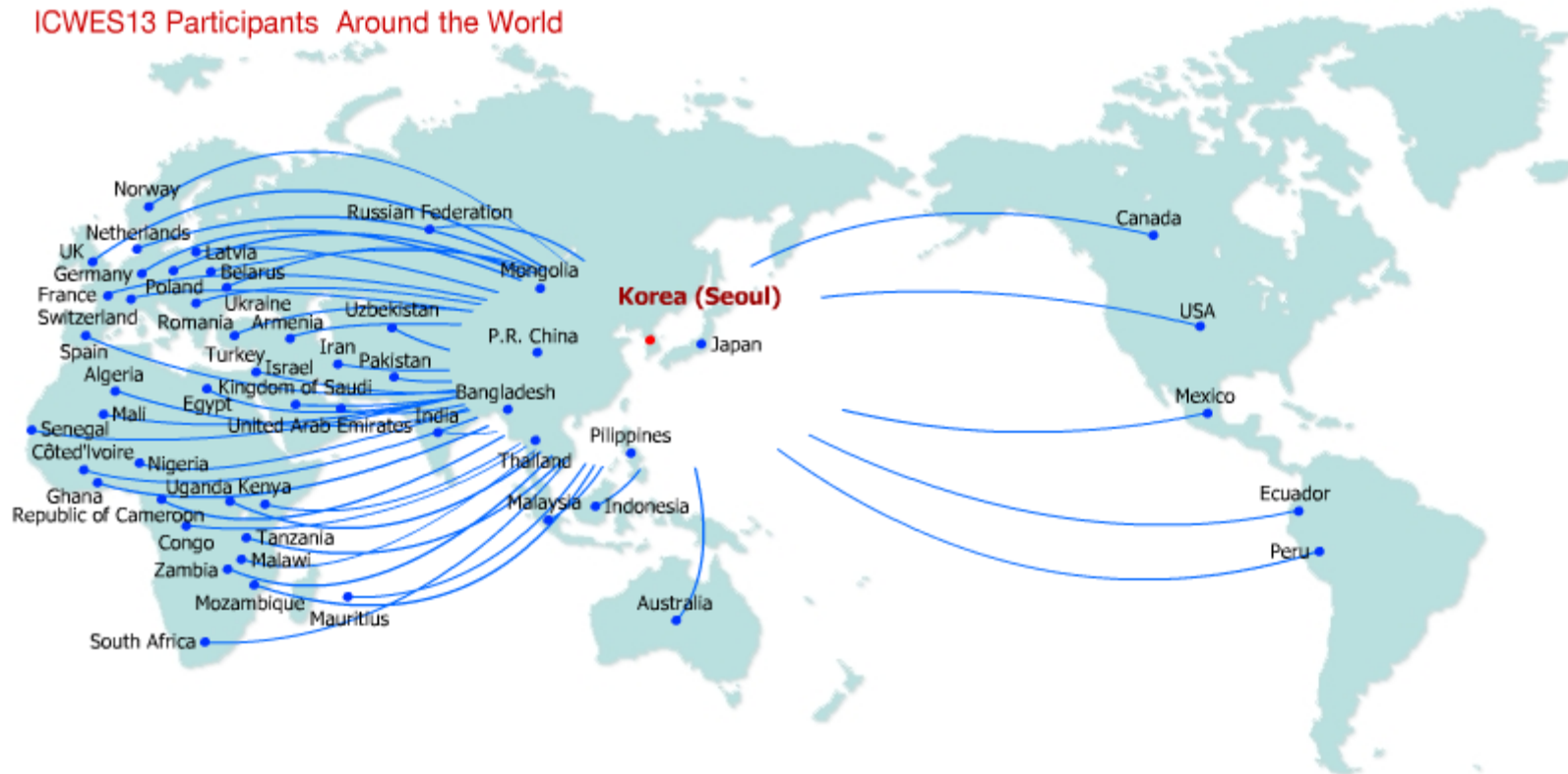
Countries Represented



ICWES13 Participants Around the World

Total attendance: 743 registered from 49 countries

ICWES13 Participants Around the World



ICWES13 Participants

Category	Korean	non-Korean	Subtotal
Regular	289	42	331
INWES Member	-	84	84
Student	179	18	197
Travel Award	2	51	53
Invited Speaker*	29	22	51
Accompanying Person	10	17	27
Total	509	234	743

**including sponsors, exhibitors and other waived participants*

49 Countries 743 persons

ICWES13 Abstracts

Category	Invited	Oral	Poster	Subtotal
Plenary	5	-	-	5
Information Technology	5	28	39	72
Biotechnology	4	23	187	214
Nanotechnology	3	14	46	63
Environment	1	35	61	97
Energy	2	7	28	37
Space Technology	1	14	28	43
Education and Ethics	3	22	12	37
Gender and Leadership	4	40	32	76
Total	28	183	433	644

Travel Award

37 Countries 53persons

No.	Country	Oral	Poster	Total
1	Algeria		1	1
2	Armenia	1		1
3	Austria	1		1
4	Bangladesh	1		1
5	Belarus	1		1
6	Canada	1	1	2
7	Côte d'Ivoire		1	1
8	Ghana	2		2
9	India	1		1
10	Indonesia	1		1

Travel Award

No.	Country	Oral	Poster	Total
11	Iran	1		1
12	Kenya	4		4
13	Korea, ROK	1	1	2
14	Malawi	1		1
15	Malaysia	1	1	2
16	Mauritius	1		1
17	Mexico	1		1
18	Mongolia		1	1
19	Nigeria	3		3
20	Nigeria	3		3

Travel Award

No.	Country	Oral	Poster	Total
21	P. R. China	1		1
22	Pakistan	2		2
23	Peru		1	1
24	Philippines	1		1
25	Poland	2		2
26	Romania		1	1
27	Russian Federation	1		1
28	Senegal	1		1
29	South Africa	1		1
30	Tanzania		1	1

Travel Award

No.	Country	Oral	Poster	Total
31	Thailand	1		1
32	Turkey	1	1	2
33	Uganda		1	1
34	Ukraine	3		3
35	USA	1		1
36	Uzbekistan		1	1
37	Zambia	1		1

Budget

Income

Details	Amount (KW)
1. Registration Fee	151,840,715
2. Contribution	408,239,403
INWES Seed money Korean Government <ul style="list-style-type: none"> - Ministry of Science & Technology - Seoul Metropolitan Government Industries <ul style="list-style-type: none"> - Samsung Electronics - SK Telecom - POSCO 	(including USD 5,000 and In-kind donations)
3. Others	17,549,701
Total	577,629,819

1USD ~1000 KW

Budget

Expenses

Details	Amount (KW)
1. Speakers' & Travel Award Invitation	126,406,556
2. Printing Costs	36,020,300
3. Exhibition	495,000
4. Custom-Made Materials	54,870,000
5. Social Events	124,311,200
6. Rentals	40,425,190
7. Personnel	10,792,070
8. Transportation	13,450,006
9. Communication	11,992,975
10. Publicity	40,268,780
11. Meetings	13,469,000
12. Others	19,630,328
13. Secretariat	17,060,275
14. PCO Personnel	55,000,000
15. Final Report	1,619,283
KWSE surplus	6,618,559
Intercom Surplus	10,300,821
PCO labor costs returned	-5,100,524
Total	577,629,819

1USD ~1000 KW

Self Evaluation

- Good: **Attendance**
 - Big turnout (743 people from 49 nations)
 - Big turnout from African continent

Continent	Including Koreans		Excluding Koreans	
	no.	percent (%)	no.	percent(%)
Asia	578	77.8	69	29.5
Europe	43	5.8	43	18.4
Africa	70	9.4	70	29.9
Oceania	2	0.27	2	0.8
Americas	50	6.73	50	21.4
Total	743	100	234	100

Self Evaluation

- Good: **Publicity**
 - First Lady of ROK attended
 - Over 80 articles in Korean Newspapers
- Good: **Networking**
 - Domestic networking
 - International networking
- Good: **Volunteers & WISE program**
 - Future women scientists and engineers as volunteers
 - Successful mentoring session

Self Evaluation

- Bad: **Funding**
 - Korea Government supports: specific objectives given (ex: Banquet, travel award)
 - Other supports: mostly in-kind (not in cash)
 - No surplus except seed money return for INWES
 - KWSE surplus (small but possible because most organizing committee members gave their time and effort for free)



Thank you!