

2013 INTER-ACADEMY SEOUL SCIENCE FORUM

Women in Science

2013 세계 과학한림원 서울포럼

November 11-12, 2013
InterContinental Seoul Coex Hotel, Korea

www.iassf.or.kr



















Greetings from the President, KAST



Dear Esteemed colleagues and Excellencies,

It is indeed an honor and privilege for me to invite you to the 2013 Inter-Academy Seoul Science Forum to be hosted by the Korean Academy of Science and Technology (KAST). KAST was established in 1994 and has advanced remarkably over the past 19 years. It is delightful to tell you KAST is now at the stage of collaborating shoulder to shoulder with those academies in advanced countries. KAST is again prepared to spearhead national development in science and technology, and ultimately play a leading role in facilitating the overall development of Korea as well as other countries in the world. We will ensure steady and faithful efforts to be exerted in carrying out the tasks bestowed upon us.

The newly organized Korean administration was launched with the vision of creative economy which is to transform the country from a "following" into a "leading" one by creating growth engines through an economy based on imagination, creativity, and science and technology; and generation of new markets and more jobs.

In the era of transition to the knowledge based-economy, the roles of women scientists should be extended with increased opportunities of research and development. We honorably recognize outstanding accomplishments led by women researchers in the history of science including Dr. Marie Curie, 1903 Nobel Laureate in Physics; Dr. Dorothy Crowfoot Hodgkin, 1964 Nobel Laureate in Chemistry; and Dr. Gerty Theresa Cori, 1947 Nobel Laureate in Medicine. Their contributions to development of science and technology made it impossible to discuss science without mentioning their greatness. Many women, throughout the centuries, have managed to overcome their marginalization and excel in their chosen field, making vital contributions to the sum of human knowledge. However, in actuality, most of the women scientists still face obstacles to their scientific work simply because of their gender.

Following the theme of 2012 IASSF, 'Innovation and Sustainability', KAST sets the theme of this year as 'Woman in Science.' It reflects the requests for increasing roles of women scientists and strengthening their contribution for societies.

I hope that 2013 IASSF offer an opportune venue to discuss how to increase the roles of women scientists and to create more job opportunities for them particularly in developing countries. We also hope this occasion to serve as an open channel listening to women scientists' voices. Lastly, I wish you enjoy a productive meeting and memorable moments in Korea. Thank you.

Sincerely yours,

Dr. Sung Hyun Park

Sung H. Park

President, The Korean Academy of Science & Technology

Greetings from IASSF Organizing Committee



Dear distinguished scientists,

On behalf of the all member of IASSF Organizing Committee, I would like to warmly welcome you to the 2013 Inter-Academy Seoul Science Forum to be held in Seoul, from November 11 to 12, 2013 at Intercontinental Seoul Coex Hotel, Seoul, Korea, hosted by The Korean Academy of Science and Technology (KAST).

Nearly four hundred years ago, the first science academy, Accademia dei Lincei, was founded. It was named after the lynx, an animal whose sharp vision symbolizes the observational prowess. Its motto was: "MINIMA CURA SI MAXIMA VIS. Take care of small things if you want to obtain the greatest results."

Small things indeed brought to our world the greatest results. Small scientific discoveries accumulated over years and centuries created a massive impact to our society by the name of Scientific Revolution, of which the key contributors were no doubt the academies of Science and Technology. We scientists proudly led this world to progress and prosperity in the history of post-Renaissance.

And, of course, we owe a great portion of these achievements to our female colleagues, women scientists. This year we would like to recognize the dedications achieved by women to science, touch difficulties women scientists of the present day confront with, and discover creative resolutions in order to increase roles of women scientists and promote their contributions to societies.

We expect the outcomes of basic researches in the field of physics, chemistry, and medicine & Life Science to be mainly discussed in this forum will provide new answers to resolve the crisis of civilization humanity faces including global warming, environmental pollution and ecocide, and health issues for the old caused by life-extension. My sincere hope is to share visions, ideas, and knowledge with respected scholars of their fields from all around the world.

Lastly, I would deliver my sincere gratitude to all members of the IASSF Organizing Committee for their dedication and contribution to ensuring that this conference is truly fruitful and valuable for all participants. I also deeply appreciate to KAST for allowing me to organize this wonderful opportunity to extend our understanding on the most recent scientific products and further international Science and Technology cooperation.

I hope your stay in Korea full of rich academic findings and pleasant personal memories. I look forward to welcoming you in November 2013.

With warmest regards,

Dr. Kil Saeng Chung

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President of Organizing Committee

IASSF Organization

Organizing Committee

President Dr. Kil Saeng Chung, Chairman, Board of Director, KAST

Advisory Committee

Dr. Moo Je Cho (President of UNIST)

Prof. Jin Ho Choy (Ewha Womans Univ.)

Prof. Jisoon Ihm (Seoul National Univ.)

Dr. Sung-Mo "Steve" Kang (President of KAIST)

Dr. Doochul Kim (Former President of KIAS)

Dr. Myung-Ja Kim (President of KOFWST)

Dr. Yongmin Kim (President of POSTECH)

Dr. Young Joon Kim (President of GIST)

Prof. Doe Sun Na (Univ. of Ulsan College of Medicine)

Dr. Se-Jung Oh (President of the IBS)

Dr. Kyu-Tek Park (Executive Vice President, KAST)

Prof. Sue Goo Rhee (Yonsei Univ.)

Dr. Sung-Chul Shin (President of DGIST)

Dr. Hee-Sup Shin (IBS)

Steering Committee

Chairman Prof. Yung Woo Park, Seoul National Univ.

Physics -

Prof. Moo Young Choi, Seoul National Univ.

Prof. Jin Soo Joo. Korea National Univ.

Prof. Byungnam Kahng, Seoul National Univ.

Prof. Soo Bong Kim, Seoul National Univ.

Prof. Changhee Lee, Seoul National Univ.

Chemistry -

Prof. Jwa-Min Nam, Seoul National Univ.

Prof. Dongho Kim, Yonsei Univ.

Prof. Soo-Young Park, Seoul National Univ.

Medicine & Life Science -

Prof. Jung-Hye Roe, Seoul National Univ.

Prof. Jin Won Cho, Yonsei Univ.

Prof. Jongkyeong Chung, Seoul National Univ.

Prof. Jongil Kim, Seoul National Univ.

Prof. Sunghoon Kim, Seoul National Univ.

Prof. Min Goo Lee, Yonsei Univ.

Program Committee

Physics -

Prof. Soo Bong Kim, Seoul National Univ. (Chair)

Prof. Ki-Woon Choi, KAIST

Prof. Bum-Hoon Lee, Sogang Univ.

Prof. Kimyeong Lee, KIAS

Prof. Dongchul Son, Kyungpook National Univ.

Chemistry -

Prof. Jwa-Min Nam, Seoul National Univ. (Chair)

Prof. Sukbok Chang, KAIST

Prof. Tae-Lim Choi, Seoul National Univ.

Prof. Chulbom Lee, Seoul National Univ.

Prof. Dongwhan Lee, Seoul National Univ.

Prof. Moonhyun Oh, Yonsei Univ.

Prof. Seung Bum Park, Seoul National Univ.

Medicine & Life Science —

Prof. Jung-Hye Roe, Seoul National Univ. (Chair)

Prof. Jongkyeong Chung, Seoul National Univ.

Prof. Eun-Kyeong Jo, Chungnam National Univ.

Prof. Jongil Kim, Seoul National Univ.

Prof. Sunghoon Kim, Seoul National Univ.

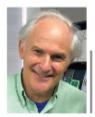
Prof. Hyunsook Lee, Seoul National Univ.

Prof. Kong-Joo Lee, Ewha Womans Univ.

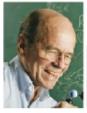
Prof. Youngsook Son, Kyung Hee Univ.

Speakers

Featured Speakers



Sir Harold W. Kroto The Florida State University USA 1996 Nobel Laureate in Chemistry



K. Barry Sharpless The Scripps Research Institute (TSRI) USA 2001 Nobel Laureate in Chemistry



Börje Johansson Uppsala University KTH-Royal Institute of Technology Sweden



Eric D. Green National Human Genome Research Institute USA



Myeong-Hee Yu Korea Institute of Science and Technology Korea

Physics

Börje Johansson	Uppsala University / KTH-Royal Institute of Technology	Serguey Petcov	International School for Advanced Studies
Lars Bergström	Stockholm University	James Pinfold	University of Alberta
Yongmin Cho	Konkuk University / Seoul National University	Seon-Hee Seo	Seoul National University
Ki-Woon Choi	Korea Advanced Institute of Science and Technology	Mikhail Shaposhnikov	Ecole Polytechnique Fédérale de Lausanne
Su-Yong Choi	Korea University	Dongchul Son	Kyungpook National University
Howard E. Haber	University of California, Santa Cruz	Jeonghyeon Song	Konkuk University
Jihn E. Kim	Seoul National University / Kyung Hee University	Yoichiro Suzuki	University of Tokyo
Soo Bong Kim	Seoul National University	Joao Varela	Technical University of Lisbon
Paolo Natoli	University of Ferrara		

Chemistry

Sir Harold W. Kroto	The Florida State University	Dongwhan Lee	Seoul National University
K. Barry Sharpless	The Scripps Research Institute (TSRI)	Shengming Ma	Shanghai Institute of Organic Chemistry
Sukbok Chang	Korea Advanced Institute of Science and Technology	Seung Bum Park	Seoul National University
Alison J. Frontier	University of Rochester	Dean Toste	University of California, Berkeley
Gregory C. Fu	California Institute of Technology	M. Christina White	University of Illinois
Véronique Gouverneur	University of Oxford	So Won Youn	Hanyang University
Chul-Ho Jun	Yonsei University	Jaesook Yun	Sungkyunkwan University
Ohyun Kwon	University of California, Los Angeles(UCLA)		

Medicine & Life Science

Eric D. Green	National Human Genome Research Institute, USA	Hyo-Soo Kim	Seoul National University Hospital
Yunje Cho	Pohang University of Science and Technology (POSTECH)	Byoung Se Kwon	National Cancer Center
Augustine M.K. Choi	Harvard Medical School	Tsvee Lapidot	The Weizmann Institute of Science
James E. Ferrell Jr	Stanford University School of Medicine	Kong-Joo Lee	Ewha Womans University
Vadim Gladyshev	Harvard Medical School	Kyung S. Lee	National Cancer Institute
Jessica Hamerman	University of Washington	Youngsook Son	Kyung Hee University
Eun-Kyeong Jo	Chungnam National University	Hongtao Yu	UT Southwestern Medical Center

2013 Inter-Academy Seoul Science Forum

					Nov. 11 Mon (DAY 1)
09:00 - 09:40	Registratio	n			
09:40 - 10:00	Opening Ce	eremony			Harmony I&II (B1)
	- Opening Re - Welcoming - Congratula			Kil Saeng Chung (President o Sung Hyun Park (President, The Korean Academy	
10:00 - 12:30	Plenary Lec	tures			Harmony I&II (B1)
10:00 - 10:30 10:30 - 11:00 11:00 - 11:30 11:30 - 12:00 12:00 - 12:30	- Dr. Myeong - Prof. Börje J - Prof. K. Barr - Dr. Eric D. G	-Hee Yu Johansson ry Sharpless	Korea Institut Uppsala Unive The Scripps Re	es. Yongmin Kim, POSTECH] e of Science and Technology ersity / KTH-Royal Institute of Technology esearch Institute (TSRI) an Genome Research Institute ate University	
12:30 - 13:30	Luncheon				Harmony III (B1)
Session 1					
13:30 - 18:00		Physics (1A)	"High Energ	rv Physics"	Moderato (B1)
13:30 - 14:00 14:00 - 14:30 14:30 - 15:00 15:00 - 15:30	Session 1A-1	-	airperson : Pro iro Suzuki sy Petcov lee Seo	f. Un-Ki Yang, Seoul National University] University of Tokyo International School for Advanced Studies Seoul National University Seoul National University	
15:30 - 16:00		Coffee Brea	k		
16:00 - 16:30 16:30 - 17:00 17:00 - 17:30 17:30 - 18:00	Session 1A-2	- Prof. Joao V - Prof. Su-Yor - Prof. James - Prof. Yongm	'arela ng Choi Pinfold	ngHee Kim, Kyungpook National University] Technical University of Lisbon Korea University University of Alberta Konkuk University / Seoul National University	
13:30 - 18:00		Chemistry (1B) "Chemica	al Synthesis & Catalysis"	Vivace (B1)
13:30 - 14:10 14:10 - 14:40 14:40 - 15:20	Session 1B-1	[Chairperson - Prof. Grego - Prof. Jaesoc - Prof. Dean	ry C. Fu ok Yun	Choi, Seoul National University] California Institute of Technology Sungkyunkwan University University of California, Berkeley	
15:20 - 15:50		Coffee Break	k		
15:50 - 16:20 16:20 - 16:50 16:50 - 17:30 17:30 - 18:00	Session 1B-2		k Chang n Youn ming Ma	Gyu Cho, Hanyang University] Korea Advanced Institute of Science and Technology Hanyang University Shanghai Institute of Organic Chemistry Seoul National University	
13:30 - 18:00		Medicine &	Life Science ((1C) "Post Genome Biology"	Allegro (B1)
13:30 - 14:05 14:05 - 14:35 14:35 - 15:05 15:05 - 15:30	Session 1C-1		tine M.K. Choi Hamerman g Se Kwon	ases [Chairperson : Prof. Eun-Kyeong Jo, Chungnam Na Harvard Medical School University of Washington National Cancer Center Chungnam National University	tional University]
15:30 - 16:00		Coffee Brea	k		
16:00 - 16:40 16:40 - 17:20 17:20 - 18:00	Session 1C-2	Stem Cells & - Prof. Tsvee L - Prof. Young - Prof. Hyo-So	apidot sook Son	Medicine [Chairperson: Prof. Youngsook Son, Kyung He The Weizmann Institute of Science Kyung Hee University Seoul National University Hospital	ee University]
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09:10 - 09:30 - Keynote Speech 1 (Dr. Myung-Ja Kim, The Korea Federation of Women's Science and Technology Associations) 09:30 - 09:50 - 10:30 - Keynote Speech 2 (Prof. Barbara Cannon, The Royal Swedish Academy of Sciences) 09:50 - 10:30 - 10:50 - Coffee Break 10:50 - 12:20 - 1ASSF Roundtable 12:20 - 12:30 - Wrap-up & Closing 12:30 - 14:00				N	ov. 12 Tue (DAY 2)	
- Keynote Speech 1 (Dr. Myung-Ja Kim, The Korea Federation of Women's Science and Technology Associations) - Keynote Speech 2 (Prof. Barbara Cannon, The Royal Swedish Academy of Sciences) - Presentation 1 - 4 (Germany / UK / USA / India) - Presentation 1 - 4 (Germany / UK / U	8:30 - 09:00	Registratio	n			
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10:50 - 12:20	9:50 - 10:30	- Presentation 1 ~ 4 (Germany / UK / USA / India)				
12:20 - 12:30 - Wrap-up & Closing	0:30 - 10:50	Coffee Break				
Session 2	0:50 - 12:20					
Session 2 14:00 - 18:00 Physics (2A) "High Energy Physics" Moderate Astrophysics & Cosmology [Chairperson : Prof. Bum-Hoon Lee, Sogang University] 14:00 - 14:30 Prof. Paolo Natoli Prof. Dongchul Son Prof. Lars Bergström Stockholm University 15:25 - 15:50 Prof. Lars Bergström Stockholm University 15:25 - 15:50 Session 2A-1 Prof. Lars Bergström Stockholm University 15:25 - 15:50 Prof. Lars Bergström Stockholm University (Kyung Hee University 15:50 - 16:10 Coffee Break Theory [Chairperson : Prof. Kimyeong Lee, Korea Institute for Advanced Study] Prof. Howard E. Haber Prof. Howard E. Haber Prof. Howard E. Haber Prof. Jeonghyeon Song Konkuk University of California, Santa Cruz Prof. Ki-Woon Choi Korea Advanced Institute of Science and Technology 14:00 - 18:00 Chemistry (2B) "Chemical Synthesis & Catalysis" Vivac [Chairperson : Prof. Young Ho Rhee, Pohang University of Science and Technology (POSTECH)] Prof. M. Christina White Prof. Seung Bum Park Prof. Ohyun Kwon University of California, Los Angeles(UCLA) 16:10 - 16:50 Session 2B-2 Session 2B-2 Coffee Break [Chairperson : Prof. Chulbom Lee, Seoul National University Prof. Alison J. Front. Lee, Seoul National University Prof. Alison J. Front. University of Oxford Prof. Chul-Ho Jun Prof. Alison J. Frontier University of Rochester Medicine & Life Science (2C) "Post Genome Biology" Allegn Omics and Systems Biology [Chairperson : Prof. Kong Joo Lee, Ewha Womans University]	2:20 - 12:30	- Wrap-up &	Closing			
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15:00 - 15:25 - Prof. Lars Bergström Stockholm University 15:25 - 15:50 - Prof. Jihn E. Kim Seoul National University / Kyung Hee University 15:50 - 16:10 Coffee Break Theory [Chairperson: Prof. Kimyeong Lee, Korea Institute for Advanced Study] - Prof. Howard E. Haber University of California, Santa Cruz - Prof. Howard E. Haber University of California, Santa Cruz - Prof. Mikhail Shaposhnikov Ecole Polytechnique Fédérale de Lausanne - Prof. Jeonghyeon Song Konkuk University - Prof. Ki-Woon Choi Korea Advanced Institute of Science and Technology 14:00 - 18:00 Chemistry (2B) "Chemical Synthesis & Catalysis" Vivac [Chairperson: Prof. Young Ho Rhee, Pohang University of Science and Technology (POSTECH)] - Prof. M. Christina White University of Illinois - Prof. Seung Bum Park Seoul National University - Prof. Ohyun Kwon University of California, Los Angeles(UCLA) 15:50 - 16:10 Coffee Break [Chairperson: Prof. Chulbom Lee, Seoul National University] - Prof. Véronique Gouverneur University of Oxford - Prof. Chul-Ho Jun Yonsel University - Prof. Alison J. Frontier University - Prof. Kong Joo Lee, Ewha Womans University] Medicine & Life Science (2C) "Post Genome Biology" Allegn Omics and Systems Biology [Chairperson: Prof. Kong Joo Lee, Ewha Womans University]		Session 2A-1				
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16:40 - 17:10 Session 2A-2 - Prof. Mikhail Shaposhnikov Ecole Polytechnique Fédérale de Lausanne 17:10 - 17:35 - 18:00 - Prof. Jeonghyeon Song Konkuk University 17:35 - 18:00 - Prof. Kl-Woon Choi Korea Advanced Institute of Science and Technology 14:00 - 18:00 - Chemistry (2B) "Chemical Synthesis & Catalysis" Vivace [Chairperson : Prof. Young Ho Rhee, Pohang University of Science and Technology (POSTECH)] - Prof. M. Christina White University of Illinois - Prof. Seung Bum Park Seoul National University - Prof. Ohyun Kwon University of California, Los Angeles(UCLA) 15:50 - 16:10 - 16:50	6:10 - 16:40			, ,		
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14:00 - 18:00 Chemistry (2B) "Chemical Synthesis & Catalysis" Chairperson : Prof. Young Ho Rhee, Pohang University of Science and Technology (POSTECH)] - Prof. M. Christina White University of Illinois - Prof. Session 2B-1 - Prof. Seung Bum Park Seoul National University - Prof. Ohyun Kwon University of California, Los Angeles(UCLA) - Prof. Ohyun Kwon University of California, Los Angeles(UCLA) - Prof. Ohyun Kwon University of Oxford -			0,	•		
[Chairperson : Prof. Young Ho Rhee, Pohang University of Science and Technology (POSTECH)] - Prof. M. Christina White University of Illinois - Prof. Seung Bum Park Seoul National University - Prof. Ohyun Kwon University of California, Los Angeles (UCLA) 15:50 - 16:10 Coffee Break [Chairperson : Prof. Chulbom Lee, Seoul National University] - Prof. Véronique Gouverneur University of Oxford - Prof. Chul-Ho Jun Yonsel University - Prof. Alison J. Frontier University of Rochester 14:00 - 18:00 Medicine & Life Science (2C) "Post Genome Biology" Omics and Systems Biology [Chairperson : Prof. Kong Joo Lee, Ewha Womans University]			Chemistry (2B) "Chemica	**	Vivace (B1)	
14:40 - 15:10 Session 2B-1 - Prof. Seung Bum Park Seoul National University 15:10 - 15:50 - Prof. Ohyun Kwon University of California, Los Angeles(UCLA) Coffee Break [Chairperson : Prof. Chulbom Lee, Seoul National University] - Prof. Véronique Gouverneur - Prof. Véronique Gouverneur - Prof. Chul-Ho Jun - Prof. Chul-Ho Jun - Prof. Alison J. Frontier University of Rochester 14:00 - 18:00 Medicine & Life Science (2C) "Post Genome Biology" Omics and Systems Biology [Chairperson : Prof. Kong Joo Lee, Ewha Womans University]				,	STECH)]	
15:10 - 15:50 - Prof. Ohyun Kwon University of California, Los Angeles(UCLA) 15:50 - 16:10 Coffee Break [Chairperson : Prof. Chulbom Lee, Seoul National University] - Prof. Véronique Gouverneur University of Oxford 16:50 - 17:20 Session 28-2 Prof. Chul-Ho Jun Yonsel University 17:20 - 18:00 Medicine & Life Science (2C) "Post Genome Biology" Medicine & Life Science (2C) "Post Genome Biology" Omics and Systems Biology [Chairperson : Prof. Kong Joo Lee, Ewha Womans University]	4:00 - 14:40	Servion 20.1				
15:50 - 16:10 Coffee Break [Chairperson : Prof. Chulbom Lee, Seoul National University] - Prof. Véronique Gouverneur University of Oxford - Prof. Chul-Ho Jun Yonsel University 17:20 - 18:00 Session 28-2 - Prof. Alison J. Frontier University of Rochester 14:00 - 18:00 Medicine & Life Science (2C) "Post Genome Biology" Omics and Systems Biology [Chairperson : Prof. Kong Joo Lee, Ewha Womans University]	4:40 - 15:10	3655IOTI 2D-1		•		
[Chairperson : Prof. Chulbom Lee, Seoul National University] - Prof. Véronique Gouverneur University of Oxford - Prof. Chul-Ho Jun Yonsel University - Prof. Alison J. Frontier University of Rochester 14:00 - 18:00 Medicine & Life Science (2C) "Post Genome Biology" Allegra Omics and Systems Biology [Chairperson : Prof. Kong Joo Lee, Ewha Womans University]	5:10 - 15:50		- Prof. Ohyun Kwon	University of California, Los Angeles(UCLA)		
16:10 - 16:50 16:50 - 17:20 Session 2B-2 - Prof. Véronique Gouverneur University of Oxford - Prof. Chul-Ho Jun Yonsel University 17:20 - 18:00 - Prof. Alison J. Frontier University of Rochester Medicine & Life Science (2C) "Post Genome Biology" Allegra Omics and Systems Biology [Chairperson : Prof. Kong Joo Lee, Ewha Womans University]	5:50 - 16:10		Coffee Break			
16:50 - 17:20 Session 2B-2 - Prof. Chul-Ho Jun Yonsel University 17:20 - 18:00 - Prof. Alison J. Frontier University of Rochester 14:00 - 18:00 Medicine & Life Science (2C) "Post Genome Biology" Allegra Omics and Systems Biology [Chairperson : Prof. Kong Joo Lee, Ewha Womans University]			[Chairperson : Prof. Chulbom	Lee, Seoul National University]		
17:20 - 18:00 - Prof. Chul-Ho Jun Yonsei University 17:20 - 18:00 - Prof. Alison J. Frontier University of Rochester 14:00 - 18:00 Medicine & Life Science (2C) "Post Genome Biology" Allegra Omics and Systems Biology [Chairperson : Prof. Kong Joo Lee, Ewha Womans University]	6:10 - 16:50	Consign 2D 2	- Prof. Véronique Gouverneur	University of Oxford		
14:00 - 18:00 Medicine & Life Science (2C) "Post Genome Biology" Omics and Systems Biology [Chairperson : Prof. Kong Joo Lee, Ewha Womans University]	6:50 - 17:20	365SIOTI 2B-2				
Omics and Systems Biology [Chairperson : Prof. Kong Joo Lee, Ewha Womans University]	7:20 - 18:00		- Prof. Alison J. Frontier	University of Rochester		
	4:00 - 18:00		Medicine & Life Science (2	2C) "Post Genome Biology"	Allegro (B1)	
14:00 - 14:30 - Prof. Kong-loo Lee Fwha Womans University			Omics and Systems Biology	[Chairperson: Prof. Kong Joo Lee, Ewha Womans Univers	ity]	
Service 3C 1	4:00 - 14:30	Continu 2C 1	- Prof. Kong-Joo Lee	Ewha Womans University		
4.50 - 15.10 - FIG. James E. Perreit Jr. Stanford University School of Medicine	4:30 - 15:10	365SIOTI 2C-1				
15:10 - 15:50 - Prof. Vadim Gladyshev Harvard Medical School	5:10 - 15:50		- Prof. Vadim Gladyshev	Harvard Medical School		
15:50 - 16:10 Coffee Break	5:50 - 16:10		Coffee Break			
Mitosis and Cancer [Chairperson : Prof. Hyunsook Lee, Seoul National University]			Mitosis and Cancer [Chairpe	rson : Prof. Hyunsook Lee, Seoul National University]		
16:10 - 16:50 - Prof. Hongtao Yu UT Southwestern Medical Center	16:10 - 16:50 16:50 - 17:20 Session 2C-2	Section 2C-2				
- Prof. Yunje Cho - Prof. Yunje Cho - Prof. Yunje Cho		JC331011 ZC-Z				
17:20 - 18:00 - Prof. Kyung S. Lee National Cancer Institute				National Cancer Institute		
18:00~ Farewell dinner Harmony II	18:00~		Farewell dinner		Harmony III (B1)	

Science Academy Forum

It is a great honor for KAST to hold the Science Academy Forum with Academy Representatives and eminent scientists around the world.

Last year, under the theme 'Innovation and Sustainability', the representatives discussed "The Role of Academies for Science Innovation" at the 2012 IASSF Roundtable. Since the roles of women scientists are increasing and their contributions for societies become more important, KAST has set the subject of this year as "The Role of Science Academies to Strengthen the Leadership of Women Scientists."

This session will offer an opportune venue to discuss how to increase the roles of women scientists and to create more job opportunities for them particularly in developing countries.

- · Date & Time : November 12 (Tuesday), 09:00 ~ 12:30
- · Place : Harmony Ballroom (B1F), InterContinental Seoul Coex Hotel

2013 IASSF_ Science Academy Forum Program

Time	Program
09:00 - 09:10	Science Academy Forum Opening [Moderator: Yung Woo Park Professor, Seoul National University] Opening Remarks - Sung Hyun Park The Korean Academy of Science & Technology
09:10 - 09:30	Keynote Speech 1 - Myung-Ja Kim President, The Korea Federation of Women's Science and Technology Associations (KOFWS
09:30 - 09:50	Keynote Speech 2 - Barbara Cannon President, The Royal Swedish Academy of Sciences
09:50 - 10:00	Presentation 1 - Ursula M.Staudinger Vice President and Foreign Secretary, German National Academy of Sciences Leopoldina
10:00 - 10:10	Presentation 2 - Edward A. Hinds Chair, The Royal Society's EDAN (Equality and Diversity Advisory Network) Committee, UK
10:10 - 10:20	Presentation 3 - Diane E. Griffin Vice President, US National Academy of Science
10:20 - 10:30	Presentation 4 - Krishan Lal President, Indian National Science Academy
10:30 - 10:50	Coffee Break
10:50 - 12:20	IASSF Roundtable [Chairperson: Sung Hyun Park The Korean Academy of Science & Technology] - Andrew B. Holmes Foreign Secretary, Australian Academy of Science - Ursula M.Staudinger Vice President and Foreign Secretary, German National Academy of Sciences Leopoldina - Ruth Arnon President, Israel Academy of Sciences and Humanities - Krishan Lal President, Indian National Science Academy - Maria Francesca Matteucci Accademia Nazionale Dei Lincei, Italy - Murat Zhurinov President, National Academy of Sciences of the Republic of Kazakhstan - Marie D'Iorio President, Royal Society of Canada Academy of Science - Sung Hyun Park President, The Korean Academy of Science & Technology - Michal Kleiber President, Polish Academy of Sciences - Barbara Cannon President, The Royal Swedish Academy of Sciences - Edward A Hinds Chair, The Royal Society's EDAN (Equality and Diversity Advisory Network) Committee, United Kingdom - Diane E. Griffin Vice President, US National Academy of Sciences
12:20 - 12:30	Wrap-up & Closing [Moderator: Kyu-Tek Park Executive Vice President, The Korean Academy of Science & Technology]

Keynote Speakers .



Barbara Cannon President, The Royal Swedish Academy of Sciences



Myung-Ja Kim President, The Korea Federation of Women's Science and Technology Associations (KOFWST)

Academy Representatives .



Sung Hyun Park President, The Korean Academy of Science & Technology



Andrew B. Holmes Foreign Secretary, Australian Academy of Science



Marie D'Iorio President, Royal Society of Canada Academy of Science



Ursula M.Staudinger Vice President and Foreign Secretary, German National Academy of Sciences Leopoldina



Krishan Lal President, Indian National Science Academy



Ruth Arnon President, Israel Academy of Sciences and Humanities



Maria Francesca Matteucci Accademia Nazionale Dei Lincei, Italy



Murat Zhurinov President, National Academy of Sciences of the Republic of Kazakhstan



Michal Kleiber President, Polish Academy of Sciences



Barbara Cannon President, The Royal Swedish Academy of Sciences



Edward A. Hinds Chair, The Royal Society's EDAN (Equality and Diversity Advisory Network) Committee, U.K.



Diane E. Griffin Vice President, US National Academy of Sciences

Program

FORUM INFORMATION

A. Theme: WOMEN IN SCIENCE

B. Programs

i. Plenary Lectures

ii. Science Academy Forum: Keynote Speech & IASSF Roundtable

"The Role of Science Academies to Strengthen the Leadership of Women Scientists"

iii. Physics: High Energy Physics

iv. Chemistry: Chemical Synthesis & Catalysisv. Medicine & Life Science: Post Genome Biology

Program at a glance

	Nov. 10(Sun)		Nov 11(Mon)	i i	Nov. 12(Tue)			Nov. 13(Wed)
08:00					Registration			
09:00		Registration			negotieten			
10:00		Ор	ening Ceremor	ny	C. C			
10:00					Science Academy Forum Keynote Speech & IASSF Roundtable "The Role of Science Academies to Strengthen the Leadership of Women Scientists"			
11:00		Plenary Lectures						
12:00								
13:00		Luncheon			Luncheon			Excursion (09:00 ~18:00)
14:00		Physics(1A)	Chemistry(1B)	Medicine &	Physics(2A)	Chemistry(2B)	Medicine &	(
15:00		High Energy Physics	Chemical Synthesis & Catalysis	Life Science(1C) Post Genome Biology	High Energy Physics	Chemical Synthesis & Catalysis	Life Science(2C) Post Genome Biology	
16:00		Coffee Break			Coffee Break			
17:00		Physics(1A) High Energy Physics	Chemistry(1B) Chemical Synthesis & Catalysis	Medicine & Life Science(1C) Post Genome Biology	Physics(2A) High Energy Physics	Chemistry(2B) Chemical Synthesis & Catalysis	Medicine & Life Science(2C) Post Genome Biology	
18:00			a company	rost deliane biology			rost denotife biology	
19:00	Reception	Welcome Dinner				Farewell Dinne	r	
20:00								

Important Dates

Abstract Submission Due: September 30, 2013
Paper Submission Due: October 20, 2013

General Information

Date	November 11(Mon) ~ 12(Tue), 2013
Venue	InterContinental Seoul Coex Hotel
Main Theme	Women in Science
Official Language	English
Website	http://www.iassf.or.kr
Host	The Korean Academy of Science and Technology

Conference Venue

InterContinental Seoul Coex Hotel

The InterContinental Seoul Coex Hotel is a stylish business hotel in the center of Gangnam in Korea, where shopping, entertainment and business come together consistently. You will have a view of a beautiful Han River from our hotel facing Bongeun Temple, a beautiful traditional temple. It is also directly connected to COEX Mall, casino and duty free shops where you can enjoy shopping, culture and other activity.



Registration

- On-line registration is highly recommended by November 5. Please visit at www.iassf.or.kr
- The registration fee is free of charge.
- For Registration Inquiry: iassf@aim-korea.com

Contacts

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2013 IASSF Secretariat

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행사장 오시는 길

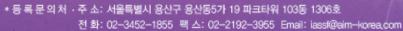
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