



# International Network of Women Engineers and Scientists

ISSUE 25 - JULY 2017

## INWES MEMBER NEWSLETTER

### PRESIDENT'S MESSAGE



Dear INWES members:

I hope you have had a wonderful spring, and that you have been energised by the vitality of the blossom and the fresh green leaves that I so associate with late spring here in Korea!

In the last few months in Korea, with the impeachment of President Park and the events that followed, we have seen first-hand the impact that sustained peaceful civil resistance, protest, and solidarity can have in tackling injustice when you get enough people involved. It was an empowering and dramatic reminder of what people can achieve by working together. Though we might be fighting different battles in different arenas, these kinds of events help me remember the power that an organisation like INWES - that brings people together - can have, and the force for good that the solidarity that exists amongst its members represents.

As I'm sure many of you know, 8<sup>th</sup> March was International Women's Day. It was started in 1975 by the United Nations, and has been a great opportunity over the years for us to put some of that solidarity into action. Less well known is the International Day of Women and Girls in Science on 11<sup>th</sup> February.

The UN has increasingly recognised the role of woman and in particular the role of women in science, not least in helping to achieve development goals laid out by the 2030 Agenda for Sustainable Development. In order to promote full and equal access to and participation in science for women and girls, and further achieve gender equality and the empowerment of women and girls, the United

Nations General Assembly adopted a resolution in December 2015 to recognise 11<sup>th</sup> February each year as a day to celebrate women's contributions to the field of science.

Initiatives like this, by the global community, that encourage women's participation in science are vital but, despite efforts since the 1970s, women and girls continued to be excluded from participating fully in science. This is why INWES is so necessary, both to encourage and support women in STEM, and to ensure that our voice is heard in global decision-making around sustainable development and innovation.

In recent great news, INWES was granted special consultative status with the Economic and Social Council (ECOSOC) of the UN in April 2017. This cements our role as one of the leading international organisations on women in science and engineering, and the only one with this ECOSOC status. INWES' consultative status will enable us to actively engage with ECOSOC and its subsidiary bodies; as well as with the United Nations Secretariat, programs, funds and agencies in a number of ways. This is a great opportunity for INWES to build our profile in the UN outside of the United Nations Educational, Scientific and Cultural Organization (UNESCO), and ensure that gender is not overlooked as a major issue in the STEM field. We hope to implement our strategic plan and harness our collective wisdom to make the most from this position to support member objectives - through, for example, identifying sources of funding for INWES activities in various regions. I would like to thank Margaret Ajibode, INWES General Secretary, in particular, and all the INWES executive board members for the effort and time they put into achieving consultative status.

The INWES Asia and Pacific Nation Network (INWES APNN) will be holding its 2017 meeting in Yokohama, Japan on 14<sup>th</sup> July. It will be hosted by the Japan Network of Women Engineers and Scientists (JNWES) - the second chair organization of APNN. The 2017 INWES APNN will be held in conjunction with Global Women in Science and Technology (GWST) under the

### CONTENTS

President's Message *1*  
INWES Member News *2*  
Recent Events *5*  
Making Herstory *6*  
Upcoming Events *8*  
About INWES *9*  
Contact INWES *9*

### EVENTS

**2017 INWES APNN**  
14 - 15 July, Yokohama City, Japan  
**Bien 2017**  
31 August - 2 September, Seoul, Korea  
**ICWES 17**  
5 - 7 October 2017, New Delhi, India.  
**UN COP23**  
6 - 17 November 2017, Bonn, Germany  
**UNESCO General Conference - 39 Session**  
30 October - 14 November 2017, Paris, France

theme of "STEM Women Shine Globally! Your Dream Changes the World" which will take place on 15<sup>th</sup> July.

I am very excited about this event because it has now been taking place since 2011 and this year will be an opportunity to connect present and future generations. I would like to express my thanks to Kayoko Sugahara, Chair of APNN 2014-2017 and INWES board member.

2017 is a big year for INWES, because the triennial International Conference of Women Engineers and Scientists (ICWES) will be held from 5<sup>th</sup> to 7<sup>th</sup> October in New Delhi, India, hosted by Women in Science & Engineering (WISE) India. The theme will be "Vision 2025", and we anticipate more than 600 women from around the world gathering to exchange ideas and identify a vision for change to create a better future worldwide by 2025. The conference will provide an opportunity to discuss innovative technologies in the

21st century across the engineering, science and technological professions; and network with colleagues in business, academia and government. I am especially thankful to Sangeeta Wij, President of WISE India and INWES board member, and all the members of WISE India who were involved.

INWES has kept moving forward over the years. After the changes to INWES by-laws made in line with legislative changes in Canada in 2014, we will now be able to continue to pursue our activities as a non-governmental organisation (NGO) for another fifty years. Having become an official NGO partner with UNESCO in 2007, we now have consultative status with ECOSOC. Since the foundation in 2011 of our the first regional network, APNN; we have since supported the establishment of a second regional network, the African Regional Network, in 2014; and a third regional network, INWES Europe, in 2016. I believed it was possible for us to do great things with our collective experience and wisdom;

passion and energy; and INWES spirit - and I'm glad to say that I haven't been disappointed!

As always, I look forward to everyone getting involved in as many upcoming INWES activities and meetings as possible. I hope that as organisations and as individuals, you will continue in your many efforts around the world to make things for the better for women, for the STEM field, and for broader society. INWES will, as always, try to support you and I welcome any ideas you might have about how you would like us to move forward and improve.



Kong-Joo Lee, Ph.D.  
INWES President

## INWES MEMBER NEWS

INWES was awarded Special Consultative Status by the United Nations, Economic and Social Council (ECOSOC) in April. We would like to congratulate everybody involved and thank them for working so hard to make this a reality. Special Consultative Status will allow us to work more closely with the UN in pursuing our goals.

Margaret Ajibode  
Secretary General

### INWES MEMBER KADIJA SIMBORO AWARDED FELLOWSHIP Burkina Faso

Kadija Simboro, an INWES member and engineer from Burkina Faso, has been selected for the Kinhe Mandela Washington Fellowship for Young African Leaders. The fellowship, which begun in 2014, is the flagship programme of the Young African Leaders Initiative (YALI), and offers young leaders from Sub-Saharan Africa, aged twenty-five to thirty-five, with the opportunity to hone their skills at a U.S. college or university with support for professional development after they return home.



Kadija Simboro and the other fellows have been selected on the basis of their accomplishments in promoting innovation and a positive impact in their organizations,

institutions, communities, and countries. Kadija Simnoro, is founder and president of Femme Leader d'Afrique (FLA), an organization of African women scientists and engineers who work to promote women's rights and improve women's access to technology and science.

### TWIST ORGANISE CAMPAIGN AT FIRE SAFETY MUSEUM

Taiwan

The Society of Taiwan Women in Science and Technology (TWiST) held a scientific campaign in the Fire Safety Museum of the Taipei City Fire Department on 11<sup>th</sup> February 2017. This campaign was open to the general public and attracted hundreds of participants who were able to only visit the Fire Safety Museum facilities but also experience innovatively-designed experiments around the phenomenon of fire. Led by the school Principal, more than thirty female students majoring in science from the Taipei Municipal First Girls' Senior High School volunteered to take on an educational role in the campaign, and they received plenty of warm praise from the firefighting experts. This campaign successfully brought girls and women scientists into a male-dominant

professional space and allowed for some wonderful collaboration

More news about TWiST can be found in the TWiST monthly e-press, which was launched with a new design in January. It's available at: <http://www.twepress.net/>

### KSWE ORGANISE SCIENCE OUTREACH PROJECT AND OPEN FORUM

Korea

The Association of Korean Women Scientists and Engineers (KWSE) held the KWSE Science Class project in April 2017 in Daejeon, a high-technology city which has been dubbed "Asia's Silicon valley". The project aims to increase students' familiarity with science and encourage a science-based culture. Targeted at women scientists and engineers working at Daedeok Innopolis - a research and development district; as well as school children of all ages in Daejeon, the project has been conducted since 2004 with funding from Daejeon Metropolitan City. This year the project was expanded to include community childcare centres in Daejeon. Activities included lectures, science experiment classes, and field trips

to research institutes and universities.

An open forum was held on 28th April 2017 at Dongseo University in Busan, Korea by the Association of Korean Women Scientists and Engineers (KWSE). Dr. Haryoung Poo, President of KWSE opened the forum with a welcome address emphasising the importance of international collaborative research among INWES Asian and Pacific Nation Network (APNN) member countries that deepens understanding of policy development for

women in STEM in Asia. Professor Kong-Ju-Bock Lee of Ewha Womans University presented international indices on human development and the gender gap for the APNN member countries and noted that improvement over the years has been slow. She argued that closing the economic gender gap may take a very long time unless appropriate measures are taken. Dr. Yanghee Kim, Director of Gender and Leadership, presented the results of a 2016 survey on the gender barrier and noted that each member country has a different

perception of the gender barrier, which seemed to be related to career prospects and policy demand. Moderated by Professor Miray Ohm of Dongseo University, four panel members joined in the discussion: Professor Yongseok Chi of Dongseo University; Byungju Jang from the Ministry of Science, ICT, and Future Planning in Korea; and Dr. Hye Young Park and Professor Hyo Jung Kim from Pusan National University.

## Nepal

## WISE NEPAL TALKS WOMEN AND RURAL TRANSPORT

Women in Science and Engineering (WISE) Nepal was invited to speak about gender mainstreaming in rural transport on 13<sup>th</sup> March 2017 at a pre-event on rural transport and sustainable development that preceded the 10<sup>th</sup> Regional Environmentally Sustainable Transport Forum in Asia, which was held in Vientiane, Laos from 14<sup>th</sup> to 16<sup>th</sup> March, 2017.

WISE Nepal Chair, Jun Hada, represented the organisation and shared WISE Nepal's research findings on gender mainstreaming in rural transport development in Nepal. She discussed women's participation in road construction; employment opportunities for women; women's participation in local road development committees, and their representation in leadership positions; and the need to recognise women's unpaid care work and redistribute unpaid work to increase women's participation outside of the household.



She also discussed WISE Nepal's membership of INWES and the INWES Asia and Pacific Nation Network (APNN), and the way in which these organisations promote girls and women in the field of STEM globally and advocate for equitable opportunities for women engineers and scientists.

More than a hundred stakeholders participated in the event, from engineers and academics; to ministers, and representatives of UN organisations and development agencies. The pre-event was co-organised by the Ministry of Public Works and Transport (MPWT) in Laos; the Research for Community Access Partnership (ReCAP); the United Nations Centre for Regional Development (UNCRD), and the United Nations Economic and Social Commission of Asia and the Pacific (UNESCAP). It was facilitated by the Sustainable, Low Carbon Transport (SLoCaT) Partnership.

## INWES DIRECTOR MARLENE KANGA SPEAKS AT UNESCO FORUM

United Nations

INWES Director and President Elect of the World Federation of Engineering Organisations (WFEO), Dr. Marlene Kanga AM, spoke at a high-level forum on women in engineering hosted by the United Nations Educational, Scientific and Cultural Organisation (UNESCO) at the United Nations (UN) Commission on the Status of Women (CSW61)



meetings in New York. CSW61 is the largest of set of UN inter-governmental meetings

designed to focus on the UN impact on women and girls. These meetings are crucial to progressing Goal 5 of the UN Sustainable Development Goals and achieving the 2030 Agenda, and were an opportunity for UN Secretary General Antonio Guterres to reiterate, at a town hall meeting, his commitment to gender parity, declaring that: 'The clear objective of our time is parity rooted in women's empowerment'.

The UNESCO Forum on Women in Engineering that took place within CSW61 had a specific focus on the participation of women in science and engineering. Forum participants included Minister Susan Shabangu, the Minister of Women in South Africa; UN Under-Secretary General and Executive Director of UN Women, Phumzile Mlambo-Ngcuka; and Marie Paule Roudil, the Director of the UNESCO Office in New York.



The forum reflected the concern of CSW61 with the economic empowerment of women at work. Dr. Kanga spoke about the important role science, technology, engineering and mathematics (STEM) have in empowering women to participate in the workplace of the future.

She noted that many anticipate that 75% of future jobs will require STEM skills. As such is vitally important that women recognise the importance of involvement in science and technology and consider careers in these fields, which should no longer be considered

fields for men but a career pathway for all young people.

In addition to participating in science and engineering, women will also benefit from technology in terms of improved education and health. Improvements in communications and access to technology will also enable more women to participate in the new economy as entrepreneurs.

Other issues that were discussed included the progress being made in Scandinavian countries around the workforce participation of women, the gender pay gap that persists in all countries in the world, and the continuing segregation of jobs according to gender. Iceland, which is currently rated first in by the World Economic Forum Gender Equality Index, presented on a session on the gender pay gap and its new legislation to prohibit pay disparities for similar roles in both the public and private sector.

## Tunisia

## TUNISIAN ASSOCIATION ORGANISES WOMEN ENGINEERS' DAY

The Association Tunisienne Femmes Ingénieures (ATFI - The Tunisian Association of Women Engineers), the first ever association of its kind in Tunisia, was founded on 3<sup>rd</sup> December 2015. It now has over seventy active members among engineering students, and engineers working on the public and private sector. The not-for-profit association has been an organisational member of the International Network of Women Engineers and Scientists (INWES) since September 2016.

After the great success of its first Women Engineers Day in 2016, ATFI organised a second Women Engineer's day on 13th May 2017. The purpose was to bring engineers, influential personalities, managers of leading firms, and NGOs from Tunisia and abroad together to discuss a topic of current relevance that relates to the contribution of women in the field of engineering in Tunisia and globally.

As the ATFI aims to be a major creative and proactive force encouraging reflection on the role of Tunisian women engineers in economic development, and especially in the field of innovation, this year's Women Engineers Day theme was: "Women Innovate". This event highlighted the remarkable professional careers women engineers have and the value they add.

Organised in collaboration with INWES Europe, this event was intended to support the professional development of participants. Participation was free of charges for members, visitors, and speakers - including lunch and dinner.

ATFI plans to organize a Middle East and North African (MENA) region conference by the beginning of 2018, allowing it to begin to engage with the problems women engineers face on an international scale.

Marwa Zaghib  
ATFI

## CELEBRATING INWED 17 AROUND THE WORLD

International

In 2014, the Women's Engineering Society in the UK (WES), launched a National Women in Engineering Day to celebrate WES's 95<sup>th</sup> anniversary. The date, 23<sup>rd</sup> June, was chosen to commemorate the first ever meeting of WES members in 1919. After interest was shown by international friends, WES requested the endorsement of UNESCO to turn NWED to INWED, the new International Women in Engineering Day. 2017's INWED was amazing! This year's theme was #MenAsAllies to cast light on the role that our male colleagues, bosses, and partners can play in

supporting gender diversity in engineering.

INWED gained a lot of global attention online, especially on social media. The official hashtag #INWED17 trended second on Twitter between 2:30pm and 3:30pm BST, only just behind #takeyourdogtoworkday - a reminder that cute animals will always win out on social media! Related hashtags #INWED, #NWED and #WomeninEngineeringDay also trended across the day. A number of articles and profiles were featured online. An NBC News article



celebrated INWED going international and noted that the US Society of Women Engineers (SWE) took part. Boeing celebrated their black women engineers by profiling them on their website as a follow up to the INWED events they organised, which included a showing of the inspirational film “Hidden Figures”.

As they have for the last three years, hundreds of events and activities took place across the UK, including the Top 50 Women in Engineering Awards, coordinated by WES and the Daily Telegraph, a major UK newspaper. The criteria for the 2017 awards specified that the women chosen should be early in their career, and be working or practising in the UK. Amongst the winners there were many international women.

Across the world, WES knows of at least twenty events held in Brazil, Canada, Mauritius, Peru, Australia, Hong Kong, Malaysia, New Zealand, Eire, Spain, Zambia, and the US. Global engineering consultancy Norman Disney & Young (NDY) celebrated by creating a series of articles about some of their engineers to

feature on their website, and share through social media. These articles were backed by Pledge Boards asking all staff to support women engineers in their careers – a great way to attract #menasallies.

INWED sponsor and supporter, the Engineers Ireland STEPS programme ran a special INWED Minecraft invention workshop for children aged nine to eleven. Konkola Copper Mines, organised a number of activities, including a careers talk for a school in Chingola, Zambia. Roundtables and workshops featuring women engineers as speakers were held by FM Global; Ryerson University; the University of Mauritius in conjunction with Institution of Engineers Mauritius; Vectio; Metro Vancouver; and the Uganda Institution of Professional Engineers, who also posted a video of their breakfast event on YouTube. A big shout out has to go to NASA, who were very active in both tweeting and hosting events, including their own screening of "Hidden Figures".



WES will be delighted to provide support to any INWED networks who would like to join in with next year’s INWED, on Saturday 23<sup>rd</sup> June 2018. It has been a great experience highlighting the role of technical women and engineering across the world, and we look forward to working with even more of you next year to make an even bigger impact!

*Dr Sarah Peers*  
WES

## RECENT EVENTS

A productive and energising INWES Europe meeting was hosted by EPF - Ecole d'Ingenieurs in Montpellier, France on 9<sup>th</sup> June 2017. Thank you EPF - École d'ingénieurs!

Find out more about recent INWES Europe activities in the next issue.



# MAKING HERSTORY

## "HERSTORY" - WOMEN'S EXPERIENCES IN ENGINEERING: AN INTERVIEW WITH SUE BIRD



After gaining a BSc in Applied Physics at Coventry Polytechnic, Sue Bird worked with the British Aircraft Corporation as an acoustics engineer looking at flyover noise from various aircraft, including Concorde. She then moved to local government - specifically the Greater London Council (GLC) Scientific Branch in the Noise and Pollution section, where she did general

consultancy work on noise and acoustics. After the demise of the GLC, she launched Bird Acoustics with her husband and worked mainly on environmental and architectural noise, as well as litigation work on noise-induced hearing loss.

She served as President of the Women's Engineering Society (WES) in the the UK twice, and served as President for INWES from 2008 to 2011. She has also been involved with the Institute of Acoustics as Chair of the CPD committee, and with the Association of Noise Consultants as both Chair and President over the years.

Last year she was awarded the title of Member of the British Empire (MBE) in the Queen's Birthday Honours List, for 'Services to engineering and to women into engineering both in the UK and abroad'.

### **Was there a moment when you decided you wanted to be an engineer/scientist? What was it?**

It is difficult to say but probably it was quite early on when I was about eleven or twelve. When I went to secondary school I was already thinking about doing science. My father was an engineer and so was my brother - we were all of a similar mindset. My parents encouraged me to do whatever I wanted to do, and they were open-minded about exactly what that was. I don't think they were surprised really! I wanted to do something different and I have always been a fairly logical person so it made sense to enter the STEM field.

### **Did anyone influence you to enter engineering?**

I had some good science teachers in secondary school. I think good teachers are incredibly important when you are looking to discover what you want to do.

### **What was it like to be an engineer or scientist when you started out?**

When I was at the polytechnic college, I was the only girl in the course. Things are definitely easier for women now but not as much as I would have hoped. When I first started out and applied for a job they told me I would be earning 95% of what a male would earn, and at the time they were allowed to simply do that. The law changed in the early 1970s.

### **How have you seen the impact of women in engineering change and develop?**

I would have liked to see the workplace change more to suit women. Certainly, there are more women in engineering, and people are not as surprised as they used to be when I tell people what I do. There are strict laws in the U.K. about equal opportunities and equal pay, but it's not always that simple. Mainly the changes have been positive although I don't see much difference between the way I was treated when I started and at the the end. However I also had a very positive experience with the people I worked with; I had no problems with the male engineers and in fact I married one!

### **Were there any historical events that dramatically impacted women in engineering and sciences?**

In the U.K. in 1994 we had a Women in Science and Engineering (WISE) year, which was an initiative to get women into jobs and university to work in and study science and engineering. This did increase the number of women working and studying science significantly at the time.

### **Is there something you wish you had access to when you started out that women today have access to?**

Modern technology, both for personal and work reasons. Internet and email have made networking and staying in touch so much easier, and it is now fairly simple to get in touch with others who have the same interests. There is no way INWES could have existed before the advent of the internet, as communication would have been too difficult. The fact that ICWES existed and occurred regularly is a real testament to how keen our forbears in the women's movement were to get together and share their experiences and plans.

### **Was there a specific event or set of events that motivated you to start ICWES/INWES? How did you become involved in ICWES/INWES?**

Elizabeth Laverick served as President of WES in UK, and I worked with Elizabeth in organizing ICWES 9. After that I went to ICWES 11 in Japan. Elizabeth could not go so I went in her stead and I remember having quite a lot to do! It was at this conference that the idea of creating an organisation started, and Monique

Frize then began to get support to form INWES, and a number of people from around the world met a couple of times in Canada to discuss it. Monique Frize is determined and charismatic, and can convince people to do things; and she has done some fantastic things in Canada. She was the main mover in this, along with Claire Deschenes also from Canada.

***What are the major achievements, in your opinion, of the past fifty years of ICWES/INWES?***

I think it is simply that ICWES endured for thirty-five years using the postal system and a meeting once every three years. The organisational challenge of this when there was no internet was extreme, but the women who did it were so sure that it was a good and worthwhile thing to do that they managed to keep it going during that time. The friendships and cooperation between people and organisations in INWES is also a great achievement.

***What were the major challenges that had to be overcome to create ICWES/INWES?***

It is still a major challenge to organise something that is global and actually doesn't have very much money. Although meetings can be held over the phone and Skype, there is no substitute for face to face meetings, which can only be held once a year. Even with Skype meetings, when people are located all over the world it is difficult to arrange a time when everyone is awake! Lack of funds was also a problem, and it meant that most board members had to support themselves when travelling to meetings. It is not a good system when the only people who can be on a board are those who are rich enough to travel.

***INWES is a collection of societies - were you involved in any others before becoming involved in INWES?***

I was twice President of the WES in the UK which was formed in 1919. During the First World War, women had worked as engineers and some didn't want to go back to the kitchen, as was

expected, so they formed this society.

***How has the networking you've done through INWES impacted your career?***

WES enabled me to get management skills which allowed me to become a Chartered Engineer. Another story I have is that when I was president of WES I had to go to a lot of dinners at engineering institutes, and we would exchange business cards there. To cut a long story short, one single contact provided a third of my work for the next 10 years.

***How do you want to see INWES grow in the next 50 years?***

We all say that we would like for there not to be a need for women's organisation, but I just think it has been a fantastic experience. I never had friends in Africa or Korea or all over the world before. I would like it to go on and grow and become more secure. I would like to see it be able to offer more support in developing countries. There are a lot of people all over the world who don't have access to equality or opportunity and it would be great if we could influence that in some way. I hope we can get better funded so we can reach more people and help more people.

***What piece of advice would you give to the young women engineers and scientists today?***

Keep at it! Engineering and science are interesting, stimulating, and well paid. Don't be put off by what people say. The lack of women scientists and engineers is not just a personal problem for women, it is a problem for industry, commerce, and countries. Let's get the men involved - anything which helps women scientists and engineers is good for everyone. And get a network of women friends and colleagues so if you do have any problems you won't lack advice and support. INWES is a good place to start!

# UPCOMING EVENTS

## BIEN2017 IN KOREA



KWSE will host BIEN 2017 from 31<sup>st</sup> August to 2<sup>nd</sup> September in Seoul, Korea.

The Association of Korean Woman Scientists and Engineers (KWSE), which celebrates its 24<sup>th</sup> anniversary this year, will host the International Conference of Women Scientists and Engineers

(BIEN 2017) in Seoul, Korea. Since it held the first-ever convergence-themed international academic conference on biotechnology (BT), information technology (IT), environment and energy technology (ET), and nanotechnology (NT), called “BIEN” in 2003, the association has been striving to promote academic collaboration and leadership capability among women scientists and engineers around the world. For a step forward, this year’s event, BIEN 2017, will be held at The Plaza Seoul from 31st August to 2nd September.

Under the theme of “Women Scientists and Engineers

Shaping the Future,” BIEN 2017 will bring together about 400 experts in the BT, IT, ET and NT fields from around twenty-five countries worldwide to discuss research developments, and share ideas and knowledge. The conference will also host special sessions to discuss specific topics such as leadership, women in industry, and future society; as well as hosting a policy forum for MAPWiST; and the KWSE/APNN International Young Woman Scientist Camp & Smart Sister workshops. We aim to enable the participants to forecast future developments in science and society and to engage in productive networking for a cooperative culture.

For more information or inquiries, please visit the official website ([www.bien.or.kr](http://www.bien.or.kr)) and contact the secretariat ([info@bien.or.kr](mailto:info@bien.or.kr))

Time	8. 31 (Thu)			9. 1 (Fri)				9. 2 (Sat)
Morning	Registration			Scientific Session (NT)	Scientific Session (ST)	Special Session (Leadership)	YWS Camp & Smart Sister Workshop I	MAPWiST
	Opening Ceremony							
	Plenary Session I							
Afternoon	Lunch							Closing
	APNN Country Exhibition			Poster Session II				
	Scientific Session (IT)	Special Session (Future Society)	YWS Camp & Smart Sister Workshop I	Scientific Session (BT)	Special Session (Women in Industry)	Scientific Session (ET)	YWS Camp & Smart Sister Workshop III	
	Plenary Session II			Plenary Session III				
	Poster Session I			Poster Session III				
	Welcome Reception			Banquet				
Evening								



## ICWES17 IN INDIA

The 17<sup>th</sup> International Conference of Women Engineers and Scientists (ICWES17) will be hosted by Women in Science and Engineering (WISE) India in collaboration with the International Network of Women Engineers and Scientists (INWES) from 5<sup>th</sup> to 7<sup>th</sup> October 2017 at the J.W. Marriott Hotel, Aerocity, in New Delhi, India.

The mission of the conference is to create a collaborative space to design a scientific and technological roadmap - “Vision 2025” - aimed at sustainable and inclusive growth. Over three days, the international tracks will explore the themes of “Science and Technology” - covering broadly the technological innovations and research being carried out globally; and “New Ideas and Solutions” - looking at how we resolve contemporary problems related to the challenges of climate change, water and resource management, renewable energy, and sustainability. An exclusive track at ICWES17 has been assigned to discuss professional issues for women such as capacity-building, equitable and fair growth opportunities, and the gender-sensitive work environment, to enhance the participation of women in STEM globally.

ICWES17 is a great opportunity to share and learn from each other’s experiences and research findings. Along with professional and academic activities - including and industry exhibition and job-fair - programmes of entertainment, fun, and sightseeing have been planned to accompany ICWES17, to give you and any accompanying visitors a chance to enjoy yourselves and build lasting memories. Overall, WISE India is looking forward to making ICWES17 a stimulating and culture-rich experience.

Visit  
<http://licwes17.com/>  
 for more  
 information.

# ABOUT INWES

## **I. Executive Officers:**

President: Kong-Joo Lee (South Korea)  
President elect: Liette Vasseur (AFFESTIM - Canada)  
Treasurer: Joan Graf (USA)  
Secretary General: Margaret Ajibode (WES - UK)  
Vice President: Gail G. Mattson (AAAS - USA)  
Vice President: Marlene Kanga (Engineers Australia - Australia)  
Vice President: Roseni Dearden (UK)

## **II. Other Board Members:**

Durdana Habib (WESTIP - Pakistan, Central Asia)	Seong Ok Han (KWSE - South Korea, Far East Asia)
Rufina Dabo Sarr (AFSTech/Sénégal - Senegal, French Speaking Africa)	Kayoko Sugahara (INWES Japan - Japan, Far East Asia)
Sylvia Kegel (DIB - Germany, Western Europe)	Aude Abena (AFISC - Cameroon, French Speaking Africa)
Caroline Thoruwa (AWSE - Kenya, English Speaking Africa)	Sangeeta Wij (WISE-India - India, South East Asia)
Ewa Okon-Horodynska (Individual - Poland, Eastern Europe)	Chia-Li Wu (TWiST - Taiwan, Far East Asia)
	Yvette Ramos (Swiss Engineering - Switzerland, Western Europe)

## INWES SPONSORS

**Platinum Sponsor:** Samsung

**Gold Sponsors:** KWSE

**Silver Sponsors:** AAAS, WES UK

## INWES MEMBER NEWSLETTER

**Deadline for Issue No. 26:** 1<sup>st</sup> October

**Contact:** Roseni Dearden, Communication & Newsletter Committee

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