

INWES MEMBER NEWSLETTER

PRESIDENT'S MESSAGE

I hope all of you had a chance to take some vacation time, and relax a little over the summer and have returned recharged with energy to take on the rest of this year.

I would like to report on the many INWES activities taking place all over the world. The new INWES board members elected at the Annual General Meeting (AGM) at ICWES16 in Los Angeles, USA, are playing active roles in their own respective regions. The INWES Governance & Policy committee has finalized the INWES Policies and Procedures Manual, based on the amended bylaws that were approved at the executive meeting and circulated to board members, and which bring us in accordance with current Canadian law. The Policies and Procedures Manual includes details on membership, governance, ICWES conferences, regional conferences and networks; and will help make our activities more systematized and efficient. INWES appreciates the great efforts of the committee members, Marlene Kanga, Jung Sun Kim and Liette Vasseur in bringing this about. We also appreciate the work the Conference committee (chaired by Gail Mattson) has put into finishing the ICWES16 reports for UNESCO and Samsung, two of our supporters.

I am also happy to inform you that we had great success at the 2015 meeting of the Asia Pacific Nation Network (APNN; Chair, Kayoko Sugahara), which was held from the 25th to 27th of June. The 2015 APNN meeting was held in conjunction with the International Conference of Women in STEM in Mongolia (ICWSTEM) at the Mongolian University of Science and Technology, Ulaanbaatar, Mongolia, hosted by the Mongolian organisation, Women in STEM (WSTEM; President, Ariunbolor Purvee). Members of WSTEM impressed participants with their hard work, well-organized conference, and thoughtful consideration for all attendees. Through the APNN, WSTEM has gained greater recognition within Mongolian society, and built organisational strength through collaboration with other members. INWES is very proud to have provided this unique opportunity for a new organizations to strengthen and grow. I want to once again express my sincere thanks to the WSTEM members and all participants of the 2015 APNN for the contribution to a wonderful exchange of ideas and passions.

The second regional network, the African Regional Network (ARN), together with African Women in Science and Engineering (AWSE) will be hosting the 2015 INWES Regional Conference which will be held from the 21st to the 23rd of October in Kampala, Uganda, where the 2015 INWES board meeting will also be held. Information on this regional conference will be available on the website (www.aawse.org). This is one of two regional conferences that will take place in the years between ICWES16, held in 2014 in Los Angeles, USA, and ICWES17, which will be held in 2017 in New Dehli, India. Our regional conferences will complement the ICWES conferences, and allow women to take advantage of geographical closeness and similar time zones to collaborate together to explore common interests within the regions and tackle regional problems head on. I look forward to women scientists and engineers from Asian and Pacific nations, and African countries coming together to improve the situation of women in STEM both regionally and globally.

The establishment of a third INWES regional network has been initiated in the form of a European Regional Network. The board members for the new network include Yvette Ramos, Claudia Bergbauer, and Margaret Ajibode; while Monique Moutaud and a number of former INWES board members in Europe are also actively involved. On the 15th June, 2015 they held a preparatory meeting, in which they agreed on the need for a regional network, and the methods and goals desired. They will hold an official meeting on the 18th and 19th September 2015 in Geneva, to comply with the guidelines laid out in our Policy Manual. We look forward to having another active regional network and I anticipate that the European regional network will be another landmark step in the "herstory" of regional organisation and advancement for women engineers and scientists.

As part of INWES's strategic plans for the next 3 years, we will try to activate the European regional network and support its programmes and activities; as well as develop more activities as a UNESCO partner, develop programmes to strengthen our advocacy for women in STEM, recruit corporate members, and expand our membership in regions such as South America and the Middle East.

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EVENTS

UNESCO - NGO Action Day against Climate Change
6th October 2015
Paris, France

INWES Board Meeting
20th October 2015
Entebbe, Uganda

2015 INWES Regional Conference
21st - 23rd October 2015
Entebbe, Uganda

UNESCO General Conference - 38th Session
3rd November 2015
Paris, France

DIB 30th Anniversary Conference
November 2016

INWES is always keen to hear your opinions on INWES programmes and activities, and your ideas about how we can better contribute to creating the world that you as women engineers and scientists want to see. I look forward to having more close contact with you and seeing more of you involved in INWES activities. Let me conclude with an Ethiopian proverb, "When spider webs unite, they can tie up a lion", collaborating together - on a community, national, regional and global level - we can tackle the problems that confront us, however large.



Kong-Joo Lee, Ph.D.
INWES President

INWES MEMBER NEWS

THE FEMALE RESEARCHER NETWORK LAUNCHES FIRST LECTURE EVENT

The United Kingdom

On 3rd June 2015, a new initiative, the Female Researcher Network (FeRN), held their first annual lecture event at Cranfield University. The event incorporated an opening address from Professor Sir Peter Gregson (Vice-Chancellor of Cranfield University), a keynote speech from Professor Averil Macdonald (a board member of the British-based Women in Science, Technology and Engineering (WISE) campaign), and a research showcase of PhD student projects.

With over 120 delegates attending, the event was an amazing opportunity for research students and early career scientists to network with senior academics and representatives of WISE, INWES, the Institution of Engineering and Technology (IET), the Women's Network, and the British Federation of Women Graduates (BFWG).

The research showcase was a valuable exercise for all students taking part. As well as introducing an element of competition, with prizes to strive for, it was a chance to practice a vital skill – that of communicating effectively about research projects with specialist and non-specialist audiences. The judging panel (which included INWES Secretary General,

conferences in the future.

FeRN was started last October by Siobhan Gardiner, a second-year PhD student at Cranfield University. The aim of the initiative was to bring together women in research from across many disciplines, and provide a supportive and collaborative network that was free to join; as well as engaging members in a varied program of careers talks and seminars, skills workshops, outreach, and fundraising activities.

AFSTECH SENEGAL LAUNCHES NEW BRANCH IN ZIGUINCHOR

Senegal

Margaret Ajibode) was impressed with the quality of the research, and the ability of the students to engage and inform other delegates about their projects. All the participants enjoyed the experience, and are looking forward to the prospect of presenting their research at national and international

The Association des Femmes dans le domaine des Sciences et de la Technologie au Senegal (AFSTech Senegal - The Association of Women in the field of Science and Technology in Senegal) currently has twelve regional offices and they are in the process of establishing three more, in the south of Senegal. One in Ziguinchor, located 475 km from Dakar has been created already, while those in Tambacounda and Kedougou will soon be launched.

The official opening ceremony in Ziguinchor was hosted by the school



ASIAN PACIFIC NATIONS NETWORK MEETING IN MONGOLIA

Mongolia

The fifth meeting of the Asia and Pacific Nations Network (APNN), an INWES regional network, was held alongside the International Conference on Women Engineers and Scientists (ICWSTEM), at the Mongolian University of Science and Technology in Ulaanbaatar, Mongolia from the 25th to the 27th June, 2015.

connections with the international community, as well as encouraging them to discuss common topics, projects and initiatives.

This conference is the largest event WSTEM in Mongolia has attempted, and it gave us the visibility we needed to let Mongolians know about our organization, and INWES as a whole.

It was hosted by the Mongolian organisation, Women in Science, Technology, Engineering and Mathematics (WSTEM), a group of professional woman working to improve the chances for current and future women teachers and researchers in STEM in Mongolia. It offered an opportunity for participants to meet with other members of INWES and APNN, learn about issues facing women in STEM, share research, and find out about new developments in STEM. It allowed women within the region to develop



Through networking, TV, radio, Twitter, Facebook, and magazine and newspaper interviews, we have reached a wide audience in Mongolia and increased awareness of INWES, APNN, ICWES and WSTEM in Mongolia. Our membership has increased in response to this conference, which will allow us to continue our work more effectively in the future.

The conference and the meeting both went smoothly, and we have received a warm response from participants. We want to express our appreciation for all who came and participated the APNN meeting and the international conference in Mongolia, and helped make it a success.

Djignabo Bassene, on the 21st March 2015. The Governor of Ziguinchor, Ibrahima Sakho, welcomed a delegation from Dakar, which included the AFSTech Vice-President, Maimouna Ndiaye; General Secretary, Fatim Sow Diallo; and Treasurer, Rufina Dabo Sarr. They travelled to Ziguinchor with the support of the Ministry of Education and the Ministry of Higher Education. A number of scientists and leading figures, from both Ziguinchor and Dakar, expressed their commitment to supporting women in STEM; and spoke about the role of STEM women in the development of Senegal, and the obstacles they face, particularly in research.

At the ceremony, recognition diplomas were distributed to thirty girls, who had been identified as girl role-models, to

motivate girls to perform in science. Women role-models were also recognised as examples to emulate. AFSTech also took the opportunity to launch its "action chain" for science approach. This approach is about working in partnership and sharing responsibility to integrate all the links in the educational chain - from family to school, through to community circles - to overcome the rejection of science by young people, and especially girls. One of AFSTech's first projects in the region will be to help boost the number of female students in science, at Djignabo high school, which hosted the

ceremony.

LEARNING EXPERIENCE FOR NEW ASSOCIATION IN BURKINA FASO

Burkina Faso

A meeting was held on Saturday 27th June 2015 between the executive committee of



EWHA WOMEN'S UNIVERSITY HOST THE EWHA-LUCE INTERNATIONAL SEMINAR

Korea

Ewha Womans University hosted the Ewha-Luce International Seminar (ELIS) from June 22nd to July 9th on the Ewha campus in partnership with the Henry Luce Foundation, a not-for-profit organization established in 1936 by Henry R. Luce (1898-1967), the co-founder of Time and Life magazines, for the promotion of culture and academic progress in USA. The seminar was designed to facilitate career development and mutual exchange among female graduate students in STEM fields in East Asia and the United States.

A group of EWHA professors - including Kong-Joo Lee (INWES President), Pilwha Chang, Kong-Ju-Bock Lee and Sun Choi - worked hard to bring this event to EWHA, and become the first Asian partner of the Henry Luce Foundation, the largest provider of scholarships to female students in science in the United States. The collaboration recognises EWHA's dedication to supporting not only its own students, but also the international community of women in the sciences.

Under the theme of *Expanding Horizons: Leadership, Empowerment, Networking, and Vision*, twenty-one female graduate students in science and engineering from the US and Korea participated in workshops on the realities and challenges faced by female graduate students; an open forum; lectures and seminars by prominent professionals; programmes on Korean culture, history, and life; and a number of field and industry visits.

Jung Sun Kim (Professor at Dongseo University, and former INWES Board Member and Secretary General) was an invited speaker, representing female role models who are highly active in their professional fields. She shared her vision of women's leadership and life experiences in a talk called *The Power of Women's Networks*, at the forum session "Stories from Women Scientist Leaders".

Founded in 1886, EWHA is the world's largest comprehensive university for women, with its college of engineering established in 1996, a first among women's universities worldwide. It has played a central role in the cultivation of talented female professionals in the science and engineering sector.



The co-founders of the INWES European Regional Network organized the first Preparatory Meeting for the network in Geneva, Switzerland on the 18th and 19th September 2015.

As you may know, DIB Germany, an INWES organizational member has decided to apply for a regional meeting in 2016, to both celebrate their 30th anniversary, and launch the INWES European Regional Network. Following in the footsteps of the Asian Pacific Nations Network (APNN) and the African Regional Network (ARN), which launched in Asia and Africa respectively, we want to empower and unite the voices of European women engineers and scientists, to call for European countries to reinforce and advance gender equality in Europe.

In preparation for the launch, we decided to organize a preparatory meeting in Geneva, capital of peace, home to the European headquarters of the United Nations and to more than 200 international organizations.

The meeting was a chance to discuss and decide appropriate strategies at regional and sub-regional level, and ensure we have



an action plan in place for the next few years. However, the meeting also focused on discussing the required steps and processes to kick-off the regional network. It was great to get together, so we could collaborate easily and move forward quickly – towards making the network's launch a success.

More details on the conclusions from the meetings and next steps can be found on the INWES website and Facebook page.

The Co-founders of the INWES European Regional Network

Claudia Bergbauer Germany	Aude Martin, France	Yvette Ramos Switzerland	Lidia Zakowska Poland
Reine Essobmadje France	Petra Mayerhofer Germany	Angelika Reinhard Germany	
Catherine Formica, Switzerland	Sabina Pulawska Poland	Milada Williams UK	

the Femme Leader d'Afrique (FLA) association, and its honorary president, Rufina Dabo Sarr, who was joined by her colleague Constance Guigane Dione, from Senegal. The meeting took place at the home of FLA Vice-President Isabelle Wendpagnagda Combere in Ouagadougou, Burkina Faso, and was chaired by Kadija Simboro (President of the FLA Association). It was a chance for participants to get to know one another, share experiences and ideas, discuss strategies, and hear from Rufina Dabo Sarr.

FLA is automatically a member of the African Regional Network within INWES so it was useful to be able to hear from Rufina Dabo Sarr, as a member of regional

network's steering committee and someone committed to regional collaboration in Africa. Rufina Dabo Sarr is also a Professor of Life Sciences and the Earth, the Head of the Scientific Division of Communication in the Ministry of Higher Education and Research in Senegal, and a member of the INWES Board of Directors as Director for Francophone Africa, so she was able to draw on a wide range of relevant experiences in her talk.

FLA is a new association and its priority is organising activities, so we were interested to learn from her experiences as Founding President of



Dr. Lydia Tansinsin is an amazing scientist, engineer, thinker, and leader from the Philippines - and a wonderful role model for women in STEM around the world. I was fortunate to meet her at the meetings of the Federation of Engineering Institutions in Asia and the Pacific (FEIAP).



Lydia was pivotal in giving science and technology a central place in the Philippine educational system. She introduced both the holistic and multidisciplinary approach, and the concept of institution-building to research and development practices in the Philippine science community, while at the Department of Science and Technology. She also formulated a number of the policies adopted by the Department.

Lydia rose through the ranks over the course of a long and productive career – starting off as an Assistant Scientist and, by her retirement, serving as both Acting Undersecretary and Executive Director of the Philippine Council for Industry and Energy Research and Development (PCIERD). Lydia worked for the inclusion of a Chapter of Science and Technology in the Philippine National Economic and Development (NEDA) Plan in 1980, in order to strengthen the coordinating capacity of the Department of Science and Technology (DOST) and accelerate research and development in the country. Over the years she spearheaded and implemented various projects with foreign funding, and formulated policies and guidelines for different programs - such as the Engineering Science and Education Project (ESEP), funded by World Bank for \$80 million, the Balik (Return) Scientist Program and the UNIDO grant to for the development of energy plants in the Philippines.

Proving her leadership qualities, she went on to serve as Chartered President of the Philippine Technological Council (PTC) an aggregation of 13 engineering Associations; and Organizing Chair of the ASEAN Federation of Engineering Organizations (AFEO) in 1980, affiliated to the ASEAN Secretariat as a non-governmental organization. She is a founding Fellow of the ASEAN Academy of Engineering and Technology (AAET) and a current council member. She is the first Filipino to be named as an ASEAN Honorary Engineer; the first woman Chairman of the Board of Examiners for the Licensure

Examination for Chemical Engineers, Professional Regulation Commission (PRC); and the first woman president of Philippine Institute of Chemical Engineers (PICHE). She was president of the Philippine Association for the Advancement of Science (PHILAAS) and the Society of Accredited Association of Consultants (SPAC). She was chair of the HURDIT, APEC and delegates in various international meetings and has written over 40 published and unpublished papers.

She is presently active in preparing the Philippines' entry to the Washington Accord for Engineering Education with the objective of upgrading engineering education to international standards. This international recognition will enable the Philippines to build capacity in engineering and progress its development. She generously continues to share her knowledge with others, as a lecturer and thesis adviser at the University of Santo Tomas. She also provides education assistance to poor students and seminarians in the province of Bulacan.

*Dr. Marlene Kanga AM Hon.FIEAust CPEng
Vice President INWES
National President 2013, Engineers Australia*

the Association of Women for the Advancement of Science and Technology (AFSTech) in Senegal. Rufina Dabo Sarr was able to offer advice on how we could design activities that attract members, improve visibility in the press and within institutions such as UNESCO, ensure funding, and work to recognise women role models and students. She also offered important moral support, encouraging us to have ambition and confidence in activities, and believe in the potential of Africa and African youth. We were also encouraged by Constance Guigane Dione, an electrical engineer at the Department of Energy in Senegal, who was visiting Burkina Faso, also offered her insights and shared her support and enthusiasm for the new association.

TWIST MEMBERS MAKE THE MOST OF BEING PART OF AN INTERNATIONAL NETWORK

Taiwan

Six members of the Society of Taiwan Women in Science and Technology (TWiST) attended the 5th Meeting of the Asia and Pacific Nation Network (APNN) and the International Conference of Women in Science, Technology, Engineering and Mathematics (ICWSTEM) in Ulaanbaatar, Mongolia. We also took part in a wonderful trip to the 13th Century Theme Park arranged by Women in STEM (WSTEM), the conference organizer in Mongolia - giving us a chance to soak up some Mongolian culture and history.

On the 5th July some of TWiST's members attended a lunch gathering with Marlene Kanga and Wai-Yee Leong, who were both visiting Taiwan for the Federation of Engineering Institutions of Asia and the Pacific (FEIAP) Conference in Taipei. Marlene is the Vice President of INWES and the former President of the Australian Institute of Engineers. Wai-Yee is now the Chair of the Women Engineers Section, of the Malaysian Institute of Engineers. Wai-Yee also attended the APNN Meeting in June so it was a chance to reconnect and strengthen the bonds we are building within the network. We all enjoyed the stimulating conversation and the opportunity to share experiences with our international colleagues.

A lecturer at Jaramogi Oginga Odinga University of Science Technology in Kenya has established the effectiveness of the natural product *Monanthes fornicata* (Baill.) at controlling micro-organisms responsible for certain infectious diseases.

Angeline Ochung'-Orwa of the School of Biological and Physical Sciences, and fellow researchers from other institutions (Lawrence Manguro of Maseno University, Danstone Baraza of Masinde Muliro University of Science and Technology, and Hosea Akala of the Kenya Medical Research Institute) have found scientific validation for the long-purported health benefits of the plant.

Monanthes fornicata (Baill.) of the family Annonaceae, has long been used as a natural remedy. The powdered leaves of this "wonder plant" are used as an antivenin in India while the powdered root, combined with a decoction of *Piper nigrum*, is used for the treatment of fever, general body weakness, headaches, chest pains, ring worm and stomach-ache in Western Kenya, Uganda and Tanzania. This rich ethnobotany suggested it might be worth investigating as a source of alternative chemotherapeutics and excitingly, Ochung'-Orwa's research has found it to be effective in controlling a number of human pathogens that are increasingly becoming resistant to conventional medicine.

The study looks at the effect of compounds isolated from the plant on bacteria like *Salmonella typhimurium*, responsible for typhoid, and fungi such as *Aspergillus fumigatus*, which can be

highly dangerous for immunocompromised patients, such as those with AIDS. It also looks at the effect on *Plasmodium falciparum* (the parasitic species that causes malaria).

The rapidly spreading resistance of *Plasmodium falciparum* (the parasitic species that causes malaria) to existing anti-malarial drugs has been widely reported and a growing cause for concern in endemic areas. Malaria is a complex multi-faceted global problem and remains the most lethal of the vector-borne diseases. In Africa, it contributes to poverty levels by lowering the annual economic growth by up to 1.3% in countries where it is endemic. In Kenya, it is the leading cause of morbidity and mortality accounting for 30-50% of all outpatient attendance and 20% of inpatient admissions. The malaria vector (the mosquitos which spread the parasite) has also developed resistance to existing insecticides making disease control even more difficult.

Cleistenolide, a compound isolated from the plant, was found in their study to have an effect on both chloroquine-resistant and chloroquine-sensitive strains of *Plasmodium falciparum*. This discovery is welcome news, especially in areas with high incidences of malaria.

The study as whole authenticates the use of this plant as a herbal remedy and reaffirms to the researchers the importance of exploring natural products, with strong folk reputations, which

may have great therapeutic potential and be effective tools in controlling and managing disease caused by microorganisms. They hope that such products may offer ways to manage health gently, cheaply and effectively, and fill the drug void left as pathogens develop resistance to existing medicines.

For more information, contact:

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About the plant

Botanical name: *Monanthes fornicata*

Local names: Not well-documented; known as "Otiye" in Gem District, Siaya County, Nyanza Province, Kenya

Attributes of the plant: Can grow in dry areas, sand, and thickets; appears to be tolerant of disturbance.

Areas commonly found in Kenya: Coastal areas; Siandumba Forest, Kakamega, Rawalo Hills, Got Ramogi

Prevalance: Common where it occurs with a stable population trend

Life expectancy: 5-10 years

UPCOMING EVENTS

REGIONAL CONFERENCE IN UGANDA FAST APPROACHING

Dates: 21st - 23rd October 2015

Venue: Imperial GolfView Hotel in Entebbe, Uganda

Conference Theme: Women in Science, Technology and Innovation for Sustainable Economic and Social Development

Aims:

- To discuss the status, successes, challenges and opportunities of African Women in STEM in the 21st century.
- To discuss the role of the public and private sector in promoting the participation of Women in STEM for sustainable development
- To promote networking & partnership among women in STEM and other stakeholders

The Association of African Women in Science and Engineering (AWSE) will host the 2015 Regional Conference of the International Network of Women Engineers and Scientists (INWES).

This conference will be a unique space where women from all round the world to exchange information on their work, careers and efforts to encourage the effective participation of women in all aspects of Science, Technology, Engineering, and Mathematics (STEM) in their country and worldwide.

It will be a chance to discuss innovative technologies in the 21st century across the engineering, science and technological professions and network with colleagues in business, academia and government.

The conference seeks to enhance already existing strategies to encourage retention of professionals in STEM Careers and cultivate interest in female students at all levels.

The conference also seeks to energize those willing to set up their own STEM associations in order to ensure continued increase of women in STEM careers. It will also provide a unique opportunity for Women in STEM in the region, promoting the participation of African Women in STEM in the economic and social development of the continent.

AWSE: The Host Organisation

AWSE seeks to encourage women to pursue science-oriented disciplines at all levels through various mentorship and leadership programs. The purpose of the organization is to create a critical mass of African women scientists and engineers through various empowerment programs and to highlight and enhance their contribution in research, education, and the development of the continent.

AWSE also promotes networking and the creation of sustainable partnerships with key stakeholders and organizations. Outstanding African women scientists and engineers are recognized through such efforts.

CONFERENCE THEMES

a) Career and life transitions for professional women, early-career women, and students

Work – life balance strategies and policies
The effective team leader: Best practices
Innovative and Competitive Organizations
Career Preparation - Tools and Techniques
Career growth and transition
Research tools
Entrepreneurship tools for the working woman
Science Education
Attracting, Recruiting and Retaining girls and women in STEM

b) Celebrating current research by women in science, technology, engineering, and mathematics (STEM)

Water, Sanitation and Food Security
Engineering and the Built Environment
Health and the environment

Biotechnology and Bioinformatics
Instrumentation and Computer applications
Climate Change
Research ethics, Integrity and quality assurance
Technology transfer and Intellectual Property
Biomedical sciences
Indigenous knowledge
Agriculture
Natural Products
Energy

ATTENDING THE CONFERENCE

The conference is fast approaching. If you would like to attend, please email conf2015@aawse.org for a registration form

Delegate fees:

Members (INWES, AWSE Affiliated): \$300

Non-Members: \$350

Cheques made payable to 'African Women in Science and Engineering'

Bank Transfers:

Account Name: African Women in Science and Engineering

Bank Name: Cooperative Bank of Kenya Ltd.

Bank Branch: Agakhan Walk Branch, Nairobi

S.W.I.F.T Code: KCOOKENA

KES Account Number: 01136308630200

USD Account Number: 02120308630200

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We look forward to seeing you!

INFORMATION FOR MEMBERS

THE MEMBERS OF INWES AFRICAN REGIONAL NETWORK STEERING COMMITTEE

Committee Members	Countries	Institutional Affiliation
Uduakobong Aniebiat Okon (Chair)	Nigeria	Organization for Promoting African Girls in Engineering, Science and Technology Education (OPAGESTE), University of Uyo
Rufina Dabo Sarr	Senegal	L'Association des femmes pour les sciences et la technologie (AFSTech - The Association of Women in Science and Technology)
Redempta Njau	Tanzania	IT/Teradata Corporation
Reine Essobmadje	Cameroon	Evolving Consulting and ICT4MDG
Florence Kiyimba	Uganda	African Women in Science and Engineering (AWSE)
Caroline Thoruwa	Kenya	AWSE, Kenyatta University
Vera Egwuatu	Nigeria	Society of Women Technologists and Scientists in Africa (SWETS)
Ukeme Nwala	Nigeria	OPAGESTE, University of Uyo
Abena Aude	Cameroon	L'Association des Femmes Ingénieures et Scientifiques (AFISC –Association of Women Engineers and Scientists)
Jyoti Ahuja	Botswana	A.S.A. Enterprises (Pty) Ltd, Gaborone
Nnoli Akpedeye	Nigeria	Association of Professional Women Engineers of Nigeria (APWEN)
Kadija Simboro	Burkina Faso	Women Leaders of Africa (LWA - Les Femmes Leaders en Afrique)
Marie Michelle Gbaguidi	Senegal	Food Engineering Grace Divine SARL, Dakar
Mary Mwangi	Kenya	AWSE
Jolly Mary Kabirizi	Uganda	AWSE
Margaret Ajibode	ARN Observer	Women's Engineering Society (WES)
Roseni Dearden	ARN Observer	WES

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)
Rufina Dabo Sarr (AFSTech/Sénégal - Senegal, French Speaking Africa)
Claudia Bergbauer (DIB - Germany, Western Europe)
Caroline Thoruwa (AWSE - Kenya, English Speaking Africa)
Ewa Okon-Horodynska (Individual - Poland, Eastern Europe)
Seong Ok Han (KWSE - South Korea, Far East Asia)
Kayoko Sugahara (INWES Japan - Japan, Far East Asia)

Aude Abena (AFISC - Cameroon, French Speaking Africa)
Sangeeta Wij (WISE-India - India, South East Asia)
Chia-Li Wu (TWiST - Taiwan, Far East Asia)
Yvette Ramos (Swiss Engineering - Switzerland, Western Europe)

Honorary members:

Dormer Ellis (Canada)
Joanna Maduka (Nigeria)
Kathleen Harer (USA)
Mahin Rahmani (Iran)
Monique Frize (Canada)
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Renata Siemiens (Poland)
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INWES MEMBER NEWSLETTER

Deadline for Issue No. 21: 1st December

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