2016 WiN SPECIAL AWARD

The 2016 WiN Special Award was presented by WiN Global President, Se-Moon Park and Vice President, Dominique Mouillot at the World Nuclear Exhibition on June 29th in Paris. The recipients of the Award are the team behind the Nuclear4climate Declaration. See page 11 for details.

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WHAT’S NEW?
Registration for this year’s General Conference taking place in Abu Dhabi, UAE is now open at http://womeninnuclearconference2016.com/
Please make sure you register early, not only to attend the conference and cultural visits, but also for the special technical tour of the Barakah site. See page 8 for details.
Win Argentina Delegates

Win Australia, in partnership with the Australia Nuclear Science and Technology Organisation (ANSTO) were delighted to welcome Rita Bowser to speak at ANSTO on 16 March 2016. Rita is Vice President, Project Advancement New Plants & Major Projects at Westinghouse Electric Company and a member of Win.

The strong relationship Rita has with Australia has included giving testimony at the South Australia Nuclear Fuel Cycle Royal Commission on the considerations of introducing nuclear power to Australia. She reflected that there are some big questions in Australia about nuclear, and whilst not all the answers are in, it is encouraging that the questions are being asked. Whilst Westinghouse Electric Company doesn’t currently have an Australia presence, in Rita’s words “let’s change that!”

Rita engaged us all with her tale of learning about Shippingpoint Atomic Power Station as a child, and how this started her on her journey into the nuclear industry – a powerful demonstration of the importance of engaging with the next generation. That journey, as a woman, was not always easy and included putting up a shower curtain to create a ladies’ room when she became the first female superintendent at a US nuclear power plant. However, it has given her the opportunity to work at or engage with many of the best known sites (although not always for the best
reasons) in the nuclear industry including Three Mile Island, Chernobyl and Yucca Mountain.

The spirit of George Westinghouse was invoked as Rita described the support he gave to his employees, which is continued by Westinghouse Electric Company today. She spoke about the AP1000 reactor and its many benefits and features as it begins to join Westinghouse Electric Company’s global fleet of power reactors. The role of Westinghouse Electric Company’s technology as the basis of over 50% of operating power reactors worldwide and the company’s reach into almost all stages of the nuclear fuel cycle was also acknowledged.

December 2015 in Paris. The membership of the chapter was enriched with 60 new candidates from the three secondary schools in Kozloduy who received a unanimous and hearty welcome to the ranks of potential future nuclear specialists.

A former member of the youth chapter, Milena Boykova, shared her experience on her progress from student-member to her current activities as a Kozloduy NPP employee, member of WIN-Bulgaria.

An annual action plan was approved, including items such as lectures on topical issues regarding KNPP emergency response, radiological monitoring, nuclear developments in Bulgaria and worldwide; a visit to KNPP; traditional annual panel game on nuclear topics, etc.

At the end of the meeting we all agreed that we must be united in defence of nuclear energy as a safe energy source, beneficial to both humanity and the earth’s climate.

Question time closed with an important reminder from Rita that as our neighbours seek information on nuclear, we will be the trusted experts they will come to – and a challenge to effectively be part of the message.

WIN BULGARIA

Annual Meeting of WIN Bulgaria with the Kozloduy Secondary School Chapter

The meeting took place in late March and was part of the strategy of the Association to work with the young people and promote nuclear energy among them. It also complies with the initiative of the Bulgarian atomic forum, Bulatom, to advance nuclear energy among students especially in the wake of the international conference on climate changes held in

On 20 April, a quiz on historical topics, entitled “I am a son of a wonderful land and a brave nation” was held at the D. Debelyanov Primary School in Belene, with four teams competing. The pupils responded to questions on Bulgarian Revival activists and the April Uprising in 1876. Patriotic poems and songs were performed in the pauses between the quiz rounds. The jury
was lead by Ms. Pepa Vasileva, Chair of the Belene Chapter. "This quiz has turned into a class in patriotism. Thank you so much, kids.," said she while announcing the competition results. Prizes, both individual, and for all the participants were awarded. More similar events with Belene young students have been scheduled, the most important of which will take place in the eve of the Bulgarian Alphabet and Culture Day - 24 May.

Women for Nature

WiN-Canada is now a member of Nature Canada’s Women for Nature group. Nature Canada is assembling the group, made up of 150 women, by Canada’s 150th birthday (2017). The group is comprised of women who are interested in championing the interests of Nature Canada. Its membership includes a number of industry association representatives who support Nature Canada’s mandate to save wildlife, protect wilderness and connect children to nature; interests shared by WiN-Canada members.

Speakers’ Clearinghouse

Lisa Marshall, WiN-Canada Durham Chapter President discussing nuclear and STEM careers at Bishop Strachan, an all girls school

In keeping with our Strategic Plan, WiN-Canada members have been reaching out to the public, especially women, to help them better understand the benefits of nuclear energy and the diverse career options that the nuclear industry offers. To that end, we have planned speaking engagements for our talented members through the creation of a Speakers’ Clearinghouse.

Over the next year various WiN-Canada experts will be booked to speak about nuclear energy at different venues. Our members have expertise in many areas and it’s time to share what we know with other women and the general public. The industry can expect to see more of our members speaking at multi-industry events, women’s clubs and private schools for girls (see photo), in the coming year.
WIN France signs a partnership with AREVA’s women’s network

To reach its goals, WIN France acts in partnership with high schools and universities to inform them about nuclear sector activities, jobs and outlets, with organisations supporting women in job search, with women’s associations to share experience and efforts for gender equality and with the leaders of the nuclear energy industry.

In March 2016, WIN France signed a partnership with « WE », AREVA’s women's network.

Created in 2007 by AREVA employees, WE network contributes to career development and change management by suggesting concrete propositions on gender equality and work-life balance.

The partnership between WE and WIN plans mentoring, workshops, network events, information sharing (newsletters, studies, surveys) and participation of AREVA’s women in Fem’Energia award organised by EDF, WIN France and WIN Europe.

WIN France in the Media

WIN regional presidents of Normandie, Marie Kirchner, and Provence-Alpes-Côte-d'azur, Patricia Schindler, have been interviewed by media recently.

The publication “Normandinamik” dealt with the place of the women in companies.

The magazine “Elle” discussed the power of women’s networks within companies.

Both these subjects are under the spotlight and WIN is the perfect partner to provide answers

Medecins Sans Frontieres (MSF)

At the invitation of WIN, IAEA Chapter, the President of Médecins Sans Frontières (MSF) Austria, Margaretha Maleh, and some of her team presented their organization’s work to a fascinated audience of about 25 at the IAEA on 18 April.

MSF is an international, independent, medical humanitarian organization that brings emergency assistance to victims of conflict, natural disasters, epidemics or healthcare exclusion. Thousands of health professionals, logistical and administrative staff – most of whom are hired locally – work on programmes in some 70 countries worldwide. They offer basic healthcare, perform surgery, fight epidemics, rehabilitate and run hospitals and clinics, carry out vaccination campaigns, operate nutrition centres, and provide mental healthcare. Learn more about MSF on http://www.msf.org/en/about-msf.

Paulina Bugajski-Hochriegl, responsible for outreach and corporate fundraising, described MSF’s history, principles and activities. Founded in 1971, today, MSF employs more than 30,000 people across the world. Since its founding, MSF has treated over a hundred million patients.
Then Margaretha Maleh talked about her work in mental health, where she focuses on the most vulnerable — women and children. She showed us some examples in impoverished, war-torn regions.

Margaretha was followed by Edith Rogienhofer, who explained MSF’s projects on the application of Geographical Information Systems GIS for environmental management, and refugee camp population monitoring.

MSF rejects the idea that poor people deserve third-rate medical care and strives to provide high-quality care to patients. In 1999, when MSF was awarded the Nobel Peace Prize, the organization announced that the money would go towards raising awareness of and fighting against neglected diseases. Many of the IAEA WiN Chapter members spontaneously expressed their interest in either volunteering for MSF in the field or office or supporting via donations its activities.

**WIN JAPAN**

**2016 Annual General Meeting**

The FY2016 WiN-Japan Annual General Meeting and Session were held on April 15 2016.

Ms. Yukiko Maeda, a member of WiN-J (Kyushu Electric Power Co.) gave a lecture titled, "Communication Activities for the restarting of Sendai NPP." Sendai NPP is the first NPP which accomplished a restart under the new regulatory requirements in Japan.

Ms. Maeda explained the process of the NPP restart including explanatory meetings and consensus-building with local residents and governments, policy and case studies about communication activities, and companywide efforts to comply with new Japanese regulatory requirements.

Some members who aimed to restart their NPPs commented that the restart of Sendai NPP encouraged them, and other members were able to think about the future of Kyushu Electric Power Co. with hope as the next step. The participants were stimulated by these dialogues about the restart under the new safety requirements, and thus this session was fruitful and successful.

After the session, the Annual General Meeting was held. WiN-Japan’s activity and finance report of FY2015 was provided, and the FY2016 plan was also discussed.

Some key issues for action were identified in the discussion, such as considering a new project to support Fukushima’s reconstruction and promoting WiN-J member’s active participation. Five years have passed since the East Japan Great Earthquake Disaster. This meeting was held annually with a biennial election of board members. For the first time, WiN-J had an open call for the post of board members in order to encourage feedback of the members in response to the environmental changes of WiN-J activities after Fukushima.

As a result of the election, 6 board members were elected from among the candidates and WiN-J decided to start adopting management by a council system without a president.

In the new system, WiN-Global members can still keep in touch with Dr. Yoko Kobayashi, who is a WiN-Global Executive as well as a WiN-J board member.

WiN-Japan aims to implement participatory management through this new system, bringing out WiN-J potential from our members in a wider range of fields and of different generations.
Social Donation Activity

On March 21st, WiN Korea visited House of Love, and donated Gijang Miyeok (Korean traditional and famous food of dried seaweeds produced from near the region of NPPs) to House of Love located in Daejeon Yuseong-gu. House of Love is a home for nursing care for old people. For this event, Sukgyeong Lee (Vice-President WiN Korea), Sanghui Kang, regional chair of Daejeon-Chungnam of WiN Korea and three other WiN Korea members participated. They served for house cleaning while visiting. Mr. Seung-il Jeong, director of House of Love, appreciated very much for this visit, and said that he can offer much nicer Miyeok Soup with this Gijang Miyeok on the birthday of the elderly residents in this House. (Miyeok Soup is traditional Korean’s birthday food)

Launching Wolsong Regional WiN Chapter

WiN Korea held the ceremony of Wolsong Regional Chapter on April 12th at Wolsong Nuclear Power Plant of Korea Hydro & Nuclear Power Co. WiN Wolsong is established to communicate with regional residents, and to cooperate within members so as to improve their individual communication skills and networking.

For this event, Rena Lee, WiN Korea President, Yeongmi Nam, and Sukgyeong Lee, Vice-Presidents WiN Korea, Dr. Kyeryeong Kim, Accelerator Lab of KAERI, Chunyeon Lim, President of Gyeongju Parents’ Association, Suhui Jeon, Director KHNP and 60 employees of KHNP Wolseong NPP Headquarter participated.

Ms. Jayeong Jeong was elected as the Chair of Wolsong Chapter, and promised her willing for Wolsong Chapter to grow and to contribute to nuclear understanding of the region.

2016 Nuclear Symposium

2016 Nuclear Symposium organized by WiN Korea was held on 27th May at National Assembly. The theme was “How do mothers think about Nuclear Spent Fuel?” It was supported by the Ministry of Trade, Industry and Energy, the assembly national competitiveness study group, KHNP, and Korea Radioactive Waste Agency. The symposium attracted 130 participants including the members of Gyeongju City Parents’ Association, consumer groups, the nuclear industry, nuclear professionals, and the media.

An opening speech by President Rena Lee was followed by welcoming speech by congresswoman Byeongju Min and a Kyrgyzstan congressman Aisulu Mamashova. The event focused on the safe management of Spent Fuel. ▲Questionnaire on how women think about nuclear spent fuel (presented by Rena Lee) ▲What is nuclear spent fuel? (presented by prof. Heo Gyunyeong, KyungHee University), How to manage nuclear spent fuel (presented by Dr. Gyeongsu Kim of KAERI), ▲Policies on Safe Management of nuclear spent fuel in Korea (Dong-il Park, MOTIE),
What should mothers do to safely manage spent fuel? (Yeongok Lee, KEPCO E&C).
A heated debate during Panel Discussion (moderated by prof. Seongyeong Cho, Myeongji University, and 4 keynote professional speakers and two civilian panelists; Lee HyeYeong, Director of Consumers’ Rights Network and ChunYeong Lim, President of Gyeongju City Parents’ Association) was carried about Core Elements for Safe Management of Spent nuclear fuel. The symposium was highly attracted by many media’s attention.

WIN SPA\N

WIN Spain celebrate their General Assembly

On April 15th, WiN Spain celebrated their General Assembly. Ms. Matilde Pelegrí, WiN Spain President, provided a summary of all the activities that took place during the past year 2015, highlighting the ones related to commemorate our 20th Anniversary.

Proposed activities that are being planned, and others that could be done during this present year 2016, were extensively discussed. Among them and in addition to those that WiN Spain traditionally performs, are:

- A visit to a Nuclear Power Plant. The most accessible at this stage are either Zorita which is currently in the dismantling process, or Trillo.

- Establishing closer ties with the responsible person that heads the areas of ‘Science and Women’ or ‘Development and Women’ both in the University environment such as the Polytechnic University of Madrid, as well as other institutions currently working in this line, promoting collaboration areas.

- Report on the presence of women in the nuclear sector. It was debated how best to pursue this, and it was decided to seek comparative data and examine whether there are any previous reports of similar characteristics so that it would be easier to approach Human Resources Departments, with a more consistent questionnaire to request the data to provide us with the required information.

It was agreed that in order to try to analyze the evolution of the presence of women in the various enterprises/companies, we should try to gather data from some years back as to make them comparable with the current situation. The evolution is expected to be positive and increasing.

The WiN activity will be held in parallel during the Spanish Nuclear Society Meeting this year and induced a broad debate. It was decided to use topics related to nuclear technology in the industrial as well as the sanitary areas, under the headline: “Wealth and Quality of Life in Cantabria: Contribution of Nuclear Technology”.

Students of Montealto Bachelor School at CIEMAT with WiN Spain

Students of 2nd grade of bachelor visited the TJ-II Fusion Machine at the CIEMAT (Madrid, Spain).

The visit was led by two physics experts working in the National Fusion Laboratory. One of them was Paloma Castro Lobera, WiN Spain member of the Board and old Student of Montealto School and, the other was Balduino Van Milligen, who has been working for more than 20 years in Spain. In addition there was a delivery of academic material for explaining the reactor-machine components and its functions and its applications both in diagnostics and research & development. They saw the experimental applications of the issues studied both in Electromagnetism and Nuclear Physics. They asked a lot of interesting questions mainly but not only plasma related.
5th Bilateral Seminar

April 28-29 about 60 WiN-members from WiN Sweden and WiN Germany got together in Oskarshamn, Sweden for the 5th bilateral seminar. The theme of the conference was: “Decommissioning, dismantling and nuclear fuel and waste management - status, approaches and challenges in Sweden and Germany”.

The first day started with technical visits at Clab – Central Interim Storage Facility for Spent Nuclear Fuel and the Äspö hard rock laboratory. We also had a presentation from one of the hosting companies SKB, Swedish Nuclear Fuel and Waste Management Company about “The Swedish system” for waste management.

The second day started at the Canister Laboratory in Oskarshamn. Presentations were held by both Swedish and German speakers about their experiences of decommissioning and dismantling. All participants took active part in a discussion about how to deal with cost savings, personnel reductions, restructuring and closing of sites. After a nice lunch by the sea the seminar was closed with an invitation to Germany in 2017.
Khalid Al Qasim. “As the country works to diversify its energy mix, we are doing the same for our economy and our human capital. With a higher percentage of female employees working in the nuclear sector than the global average, the UAE is a leader in nurturing female talent.”

“At ENEC, we are committed to encouraging the development of our female staff. I am impressed by the talented women who serve in crucial roles in the safe and quality-driven development of the Barakah Nuclear Power Plant,” said Mohamed Al Hammadi, ENEC CEO. “The selection of Abu Dhabi to host the WIN Global Annual Conference is testament to the hard work and commitment of the women who are working to develop the UAE’s peaceful nuclear energy program.”

WIN is a global organization that supports and encourages women working in nuclear industries. The WIN UAE Chapter, which celebrated its first anniversary in May 2015, accomplished several major achievements in its first year. Members attended and presented at the 2014 and 2015 WIN Global Annual Conferences in Australia and Austria, respectively, and at the International Atomic Energy Agency’s headquarters in Vienna, Austria.

With its Energy Pioneers scholarship program, ENEC supports the future nuclear energy leaders who will oversee safe operations of the country’s first nuclear energy plant. Currently, more than 27 percent of students in ENEC’s educational programs are female and the percentage of female students increases to 36 percent in the Higher Diploma in Nuclear Technology program.

The role of women in nuclear energy has also been recognized by the leadership of the UAE, through the Emirati Pioneers initiative. In its first edition, His Highness Sheikh Mohamed bin Rashid Al Maktoum, Vice-President and Prime Minister of the UAE and Ruler of Dubai commemorated Amani Al Hosani as the first female Emirati nuclear engineer.

By 2020, ENEC will need approximately 2,500 employees to operate its four nuclear reactors at Barakah in the Western Region of Abu Dhabi, with 60 percent of these roles to be filled by Emiratis. Construction of the UAE’s first nuclear energy plant continues to progress safely at Barakah, with Unit 1 now more than 82 percent complete and all four units more than 56 percent complete. Once operational, the Barakah Nuclear Power Plant will provide up to a quarter of the UAE’s electricity needs and save up to 12 million tons of carbon emissions annually.

CELEBRATING SUCCESS

WIN UK Global Executive Member, Professor Melissa Denecke, Awarded Top Scientific Medal.

The University of Manchester is celebrating after winning a series of top awards from the Royal Society of Chemistry, which has recognised the world-leading research being done by its academics. Three of the prizes were awarded to nuclear researchers.

Professor Melissa Denecke, Scientific Director of the University’s Dalton Nuclear Institute, received the Becquerel Medal for outstanding contribution to radiochemistry. Melissa is the first woman ever to win the Becquerel Medal, which recognises her pioneering research using x-ray spectroscopy and her role in the design, construction, commissioning and operation of instrumentation for radioactive studies at large scale, international x-ray spectroscopy facilities.
Melissa said: “I am humbled and very happy to receive this distinguished award. It is thrilling, and I am very much looking forward to the event to mark the 50th anniversary of the RSC Radiochemistry Group, when I will present the Becquerel Lecture. As an Executive Board member of Women in Nuclear Global, I am especially proud to be the first woman to receive this award. We have numerous reasons to celebrate indeed!”

Anne Gent Wins the 2016 SIM-Bedford Young Mining Leaders Award.

WiN Canada is pleased to announce that Anne Gent has won the 2016 CIM-Bedford Young Mining Leaders Award. The award recognizes outstanding achievement and potential of young Canadian mining leaders. Anne is a Senior Environmental Scientist at Cameco Corporation within the Safety, Health, Environment, and Condition Department in Saskatoon, SK and has a passion for environmental leadership in the mining industry. Anne has been a member of WIM/WiN SK since its founding in 2012. As Co-Chair, she represents the nuclear aspects of the group. In her role, she has devoted countless hours to our organization and has been instrumental in governance, marketing, and board leadership.

WiN Korea Members Awarded on Science Day

At the ceremony of the 49th Science Day (on April 21st), three Women in Nuclear professionals received Awards for their professional achievement; Yeongmi Nam (KAERI) received the Prime Minister Award, Yeong-il Lee (KINS) and Huijeong Lim (KAERI) received the Minister (Ministry of Science, ICT and Future Planning) Award.

MARK YOUR CALENDARS

2016 WNA Symposium
14-16 September 2016, London, UK

2016 WNU Summer Institute
28 June-5 August 2016, Ottawa, Canada

2016 WiN Global Annual Conference
20-23 November 2016, Abu Dhabi, UAE

PRESIDENT’S CORNER

WiN Special Award

In recognition of the team creating the Nuclear4climate initiative, WiN Global decided to award the 2016 WiN Special Award to the SFEN team: Valerie Faudon, Isabelle Jouette, Sophie Prevot and Kirsty Gogan.

Their achievement in attracting so many signatories from world-wide nuclear societies has made it an international movement, and spotlighted the importance of clean, sustainable, nuclear energy. The Team deserves this distinguished award for their very hard work and dedication in developing the Nuclear4climate Declaration.
The WiN Special Award 2016 was made to the winning team by President of WIN Se-Moon Park and Vice President Dominique Mouillot at a ceremony at the World Nuclear Exhibition in Paris on May 29th. The daily newspaper of the Exhibition, the WNE Tribune, covered the presentation on it’s front page. Congratulations are sent to the WiNners for their dedication in bringing this important challenge to the attention of the world.

Sweden Changes Nuclear Policy

Climate change is a big issue, so to keep the Earth’s environment sustainable, nuclear extension is the only solution. We can prove this fact from the recent news from Sweden.

The Swedish parliament has agreed to abolish a tax on nuclear power as it recognizes nuclear’s role in helping it to eventually achieve a goal of 100% renewable generation.

The Swedish government announced on 10th June that their nuclear energy policy has been changed as follows.

- The Phase-out Act has been removed and will not be reinforced.
- The nuclear parenthesis is extended by allowing new constructions at existing nuclear sites, up to a maximum of ten reactors.
- Permission may be given to successively replace the current reactors as they reach the end of their economic life time.
- Permits for new reactors will be examined in accordance with legislative requirements on best available technology.
- Government support for nuclear energy, in the form of direct or indirect subsidies, can not be counted upon.

Please refer to the following link:


The Swedish parliament has agreed to abolish a tax on nuclear power as it recognizes nuclear’s role in helping it to eventually achieve a goal of 100% renewable generation.

The tax has been twice as large as all plant staff costs and has destroyed the possibilities for investments aiming at long term operation in the nuclear fleet. Please read the World Nuclear News for further information and comments.


With my best wishes to all WiNners,

Se-Moon Park,
President, WiN Global

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