HEADLINES

2016 WiN Global Annual Conference website launched

Technical Collaboration between WiN Global and IRPA

2016 WIN Global Nuclear Communication Workshop organized by WIN UK

WIN Global Membership Survey

WHAT’S NEW?

2016 WiN Global Annual Conference Website
The website for the 2016 WiN Global Annual Conference is open for registration.
The conference will be held at the Fairmont Bab Al Bahr Hotel, Abu Dhabi, UAE from November 20th to 23rd. For further information please visit: http://womeninnuclearconference2016.com

2016 WiN Global Nuclear Communication Workshop organized by WIN UK
Following the Executive and Board Meetings on 16th March in London, WiN UK organized an inter-active communications workshop which included sessions on networking, mentoring and governance and a presentation was made by the Science Media Centre.
WiN Global Membership Survey
There is still a chance to complete the Members’ Survey to let us know what you want from your membership of WiN Global. The survey will be open until April 10th and can be accessed here: https://www.surveymonkey.co.uk/r/ZGR66D9

Technical Collaboration between WiN Global and IRPA
On 3rd March 2016, Se-Moon Park, President WiN Global and Renate Czarwinski, President IRPA signed a mutual technical collaboration.


The Forum is a space for debate that aims to analyse the role in society occupied by women engaged in scientific, technological and social careers.

Topics for discussion will be:
1- Public Policies in Science and Technology: Critical analysis on the impact of gender factors in Science and Technology.
2- Education: Analysis of the influence of educational institutions in generating gender identification patterns.
3- Society: ecological imbalance from the gender perspective; possible interventions of Science and Technology. The construction of scientific thought and its impact on health sciences.

Participants are invited to propose and develop strategies and concrete actions to impact in public policies.

The event will be held on May 6th and 7th in the Bariloche Atomic Center, San Carlos de Bariloche, Río Negro, Argentina.
Official language: Spanish
Registration deadline: April 22nd, 2016
For more information e-mail us at infowin@winargentina.org

Fem’Energia Award 2016: call for applications
If you are studying in France or working in the EU or Switzerland in the field of Nuclear Energy, this award may be made for you!
Fem’Energia award is organized jointly by EDF, WiN France and WiN Europe.


For further information:
EDF: www.edfrecreute.com
WiN Europe: www.win-europe.org
E-mail: femenergia@edf.fr or contact@win-france.org

Prizes will be presented during the World Nuclear Exhibition on June 30th, 2016, Paris Le Bourget.

The WiN France website now has an English version, take a look!
WIN Malaysia 2016 1st Annual Conference

WIN Malaysia would like to announce that we are organising our First Annual Conference on 8-9 August and a post-conference communication workshop on 10 August 2016. We invite all WiNners to participate in these 2 events. This inaugural conference will be held at MARA University of Technology in Shah Alam, Selangor.

Conference and workshop details can be found at [http://winmalaysiaconf.com](http://winmalaysiaconf.com) and on our Facebook event page at [www.facebook.com/nuclearwomen.malaysia](http://www.facebook.com/nuclearwomen.malaysia)

We look forward to welcoming WiNners to Malaysia and towards the opportunity to forge further networking and collaboration with each other.

THE WORLD OF WIN

WIN Hungary stick to nuclear energy

On the 11th of March, 2014 the European Commission initiated formal investigation procedure against Hungary regarding Possible aid to the Paks nuclear power station. In the launched consultation period WIN Hungary has sent letters to the Commission which assert our opinion.
The EC WiN Hungary opinion can be downloaded from the WiN Global website. http://www.win-global.org/attachments/file/249

As we claimed in the letter addressed to the Commission, Hungarian WiN members do believe that nuclear energy is clean, reliable and cheap. WiN Hungary was founded in 1992 and since then we keep communicating these basic facts. Now that the Commission has started proceeding applying State Aid it is necessary to consider the positive impact of the investment on the Hungarian economy is important: the development is expected to revitalise the economy, to create new jobs and expected to increase tax revenues. Furthermore, as women, mothers and professional experts, as Hungarian citizens we would also like to emphasise that the selection of the energy mix falls under the jurisdiction of each member state, and no one shall be authorised to violate this sovereign right.

For the 2015 Climate Change Conference WiN Global issued a Declaration that contains our statement: we strongly believe that nuclear energy is a key part of the solution in the fight against climate change. As experts we clearly know the threat of climate changing, accept the fact the electricity demand is currently predicted to double by 2050, and agree with the aim of limiting global warming to a maximum of 2°C by that year. Thus we recommended in the Declaration that nuclear energy should be considered as a part of energy mix and also should be recognized by the new United Nations Framework Convention on Climate Change (UNFCCC) Protocols as a low-carbon energy option. In our second letter we implored the European Commission to acknowledge our professional declaration.

The annual INMM Science Fair 2016 was held in the Lycée Française on Saturday 12 March and was attended by several international schools from Vienna, Prague, and Bratislava. Altogether, 21 projects were submitted and presented in the Junior category, and 27 projects in the Senior category.

The judges had a hard time to decide which projects and who would be awarded with the gold, blue and red ribbons and the best in the Junior and Senior category. As in the past, also WiNners served as judges and coordinators and provided help before and during the fair.
As usual, also at this year’s Science Fair a special WiN award was given for each category. The attending WiNners decided to give the WiN Junior award to Viviana Pokluda and Catalina Taylor from the Riverside School, Prague, for their study *Air to Water*, which was designed to help refugees to have access to potable water in a polluted desert environment. The students hit on a current problem related to the refugee and migration problem the world is facing and brought a social human touch using scientific tools for their investigations without losing the bigger picture. Both presented their work nicely and provided evidence of their scientific quality and approach.

The WiN award in the Senior category was given to Melissa Sirotkova. She studied transmission of alarm signals from car to car, specifically important during the ambulance transport of patients in heavy traffic. Implementation of her approach would simultaneously save lives and enable other drivers to proceed safely. The project impressively combined a technical scientific approach and knowledge with a social aspect, and is applicable worldwide. Melissa prepared and conducted the experiment nicely, basing it on sound literature research and presenting her results well.

**Women without Borders (February 2016)**

Hosted by Women in Nuclear (WiN IAEA Chapter) with strong participation, the President of Women without Borders, Dr. Edith Schlaffer, presented the organization during a brown bag lunch presentation on 3rd February at the IAEA resulting in a cooperation agreement of both networks. Founded in 2002 in Vienna, Austria, Women without Borders is an advocacy and research organization that works to strengthen the important role of women in the security arena. It builds women's capabilities through education, collaboration and self-confidence: key tools for establishing a female power base in countries targeted by violent extremism. In 2012 Women without Borders launched an innovative research study, exploring the perceptions of women living in communities immersed in violent extremism. Based on the findings, Women without Borders developed the Mothers School Model, the first family-centered counter-radicalization platform. This initiative empowers and equips mothers to safeguard their adolescent and young adult children from the threat of radicalization and recruitment. Mothers Schools have been implemented in Tajikistan, Pakistan, India/Kashmir, Nigeria, Indonesia and Zanzibar, successfully strengthening family and community resilience. The model travels to Europe in 2015 starting in Belgium and Austria to address the ongoing recruitment of young foreign fighters to ISIS. Bringing the Mothers School model to Europe is the next step toward the goal of creating a global Mothers School movement, spreading and adapting the model to all communities targeted by violent extremism, and establishing a united front of prepared family members.

For additional information, please visit their website: [http://www.women-without-borders.org/](http://www.women-without-borders.org/)

**Médecins Sans Frontières (April 2016)**

On invitation of Women in Nuclear (WiN, IAEA Chapter), the President of Médecins Sans Frontières (MSF) Austria, Margaretha Maleh, first female president of MSF, and some of her team will present their organization’s work on 18 April 2016.

Médecins Sans Frontières (MSF) (Doctors without Borders) is an international, independent, medical humanitarian organization that delivers emergency aid to people affected by armed conflict, epidemics, natural disasters and exclusion from healthcare. Founded in 1971, MSF offers people assistance based on need, irrespective of race, religion, gender or political affiliation. A private, international, non-profit association, MSF observes strict neutrality and impartiality in the name of universal medical ethics and the right to humanitarian assistance, and is not affiliated to any government or political, religious or economic power. MSF was awarded the Nobel Peace Prize in 1999 and today thousands of health professionals, logistical and administrative staff provide
medical and humanitarian assistance in more than 65 countries across the globe. For additional information, please visit their http://www.msf.org/

WiN Japan

Science Café in Shizuoka

WiN-Japan has been promoting communications with groups of adult women as well as with student groups (the next generation).

In this newsletter, we will report about the features and evaluations of the Science Café program in Shizuoka.

We held a meeting in Shizuoka prefecture for the second straight year. The Hamaoka Nuclear Power Station is located in this prefecture. Six students joined the meeting. They major in both International Education and Physics.

The contents of the program were as below.
1. Visit to Omaezaki Wind Power Station
2. Visit to Hamaoka Nuclear Power Station
3. Lecture by Professor Okuno of Shizuoka University: “Living and radiation - How to teach radiation”
4. Table Talk: “To whom and how will we tell others about today’s lesson?” (The members of WiN-J acted as the facilitators.)
5. Presentation of the Table Talk, results questions and answers
6. Questionnaires

Some comments about the Science Café that came out during Table Talk are shared below:

- “I realized that wind power generation depends on the weather.”
- “I did not know how high the level of safety improvement measures were.”
- “It is important to use precise figures when talking about energy issues.”
- “People should be allowed to show their emotions when discussing these issues.”
- “I noticed that talking with a person who has a different sense of values can deepen the seriousness of the discussion.”
- “I want to become a mediator between people and the electric companies in my own words.”
- “This Science Café was a chance to think about a career, because the members of WiN-J are role models in our society.”

To summarize, this Science Café, jointly held by WiN-J and Shizuoka University—which is near a nuclear power station, was very fruitful for all concerned.

WiN Korea

Kick-off meeting for the nuclear communication project

WiN Korea held the first meeting for the communication project to enhance awareness and understanding about nuclear technologies at Marsil, the restaurant in the Hotel Riviera Yuseong. At this meeting 11 members from 6 institutions including WiN Korea President Dr. Rena Lee shared and discussed various ideas as well as the roles and goals of the communication project.
2016 First Executive Committee and Workshop

Celebrating the New Year 2016, WiN Korea held a workshop on nuclear emotional communication in Gongju Hanok Village on January 15~16. President Rena Lee and 11 members of the Executive Committee participated in the event to commend the efforts of the committee last year and to enhance emotional communication and leadership.

Starting with the New Year’s speech by President Lee, the event included a briefing on the activities in 2015, a session for 2016’s resolutions and discussed skills and strategies to enhance nuclear emotional communication.

Advisory Meeting for Media

As part of the communication project to enhance awareness and understanding about nuclear technologies, an advisory meeting media was held to come up with measures and materials in relation to the media coverage of nuclear technologies at Marsil, a restaurant in Yuseong Riviera Hotel on February 2.

During the meeting chaired by Prof. Eunok Han, Vice-President and director of the media promotion committee for nuclear technologies such items as seawater desalination near nuclear power plants, climate change, promoting nuclear model cities were selected as the materials for media coverage to inform the public of nuclear technologies and secure their acceptance, and measures for planning events for each item, layouts of articles, and promotional activities were prepared.

Dr. Se-Moon Park (Presidents of WiN Global and the KOFWST), Dr. Yeongmi Nam, (KAERI), Dr. Seungguk Noh, (KAERI), Dr. Geonu Jo (KINS), Mr. Janghui Lee (Busan City), Ms. Soyeon Kim (Nuclear Journal), Ms. Minji Park (Ewha Womans University) participated as advisors.

WiN Morocco

Nuclear Security Insider Threat Exercise

As a Woman in Nuclear in Morocco, Professor Oum Keltoum Hakam has founded the first and unique Institute of Nuclear Materials Management Student Chapter at the University of Ibn Tofail (UIT-INMM) in Morocco and Africa. Our objective is to promote nuclear security culture at Moroccan universities by engaging
young men and women.

UIT-INMM Student Chapter has organized many events on nuclear related topics since its creation in July 2014. We acknowledge the support of the US-Department of State Partnership for Nuclear Security (PNS) and CRDF-Global for our activities.

This Exercise was held on two full days, February 09-10, 2016 at the University of Ibn Tofail. It was conducted by academia, regulator and PhD students who have been trained in some international Professional Development Courses (PDCs) on this topic. The attendees, mainly masters and PhD students in nuclear, received lectures and case-studies related to nuclear security culture, insider motivations, attributes and characteristics, target identification, as well as preventive and protective measures against an insider. Moreover, participants benefited from group exercises to be familiar with the IAEA Hypothetical Facility Shapash Nuclear Reactor Institute (SNRI). This helped them to develop their own scenarios on the second day. On the first day, we invited a subject matter expert (SME) from King’s College London, United Kingdom via a telephone conference to discuss the benefits and challenges of conducting a nuclear security insider threat table top exercise. It was really interesting to have an international SME at the event to share his experiences with the audience!

During this exercise, the participants learned methods for preventing and mitigating threats from insiders at nuclear facilities.

The Participants had a role in evaluating the impact of operational and administrative policies on the security of nuclear material. Working as a group, the participants simulated the actions of staff at a hypothetical facility, identifying procedural vulnerabilities and areas of possible radiological material theft. Here below in this picture, Ms. Chaimae Habibi, a master student, is presenting the report on behalf of her group.

To conclude, we believe that education is very important to develop and sustain nuclear knowledge. That’s why we are focusing our activities on students as they will be the professionals in the nuclear sector in the future and so we are encouraging young women to be involved.

Here below in this picture, Ms. Assia Lasfar, a PhD student, is discussing the movement of nuclear materials at the SNRI facility.

WIN Europe President visits WIN Spain

Ms. Cristina Bucur, member of WiN Romania, and presently WIN Europe President, visited WiN Spain during her stay in Madrid last December.

WiN Spain was very pleased with Cristina’s visit but due to the Christmas holidays just a few members were available to welcome her.
During the meeting, Ms. Bucur made a historical summary of how WiN Europe was constituted, from the early conversations during WiN Global meetings until its legal signature and final constitution. WiN Europe has eight chapters. She explained how motivated and pleased she was to be the head of WiN Europe, and how she was trying to identify and resolve some administrative problems due to the constitution within France’s laws.

Ms. Bucur explained the WiN Europe Awards, their categories and requirements for applying, and strongly recommended WiN Spain to participate.

In addition, she indicated when the next WiN Europe meetings will take place, usually taking advantage of the WiN Global meetings and encounters, and requested our WiN Spain active participation.

Moreover, being an active member of WiN Romania, Ms. Bucur explained the nuclear situation in her own country; issues such as, is the perception of nuclear amongst Romanian people, and the role of the Romanian Nuclear Association. She also introduced us to her nuclear power plant and the environmental laboratory she is in charge of, and how the presence of women has positively evolved in the last few years in her work place and environment.

For the finale of this meeting, Ms. Bucur presented WiN Spain, and its President, Ms. Matilde Pelegri, a commemorative Plate for our 20th Anniversary Celebration. Some WiN Europe and WiN Spain souvenirs (scarfs, T-shirts...) were also interchanged.
knowledge and experience particularly in the fields of education and mentorship.

Finally in 2011, the event was opened for all utilities and the seminar arranged by WiN Sweden took place in Malmö at the E.ON Headquarter followed by a visit to Barsebäck NPP.

In April 2013, the fourth seminar was taking place in Lingen, Germany and was dedicated to the phase out decision in Germany. And recently, the political developments in Sweden have completely changed the overall nuclear situation in that country...

Women in Nuclear UK second annual conference

Participants in the 2013 bilateral meeting in Lingen, Germany

WiN Pakistan

Celebrated International Women’s Day

WiN members for Pakistan chapter from Pakistan Nuclear Regulatory Authority, celebrated the International Women’s Day on 8th March, 2016.

8th March is internationally celebrated as the “International Women’s Day”. For the first time, all the female employees of PNRA vowed together to celebrate this day in PNRA. The purpose of celebration was not just to observe the day but to pause for a moment to reflect on ourselves, to appreciate how much has been done and what more needs to be done. With this resolve, we have celebrated “International Women Day”. The participation of some foreign female nuclear professionals made this event even more memorable especially with one lady’s remarks that she will also follow suit and have a women’s day celebration in her organization in 2017. The visitors were participating in a IAEA Regional workshop on Planning Integrated Management System Development Projects for Regulatory Bodies from 07-11 March, 2016. The visitors came from China, Myanmar, Vietnam, Bangladesh and Slovakia.

Women in Nuclear UK held its second annual conference on 2 February. The Conference, which was attended by 230 of the UK’s male and female nuclear sector saw a range of speakers and workshop sessions in the afternoon. WiN UK was delighted to welcome the Energy Minister, Andrea Leadsom MP, who talked about her experiences working in male dominated industries and thanked WiN UK for the hard work it was doing to bring about gender balance in the sector and said: “an industry that is not attractive to women risks losing the best talent to competitors.”

The Chief Executive of the UK’s independent regulator, The Office for Nuclear Regulation also addressed delegates. In her first industry speech since taking the post, Adrienne Kelbie talked with great passion about the qualities needed for leadership and how managers of all levels should “deliver the task and develop the people”. Her speech, which was talked about by delegates for the whole day, encouraged all to
“aspire to inspire to give all people the tools to succeed.”

Speeches were also given on the UK’s National Equality Standard, WiN UK’s Industry Charter and how to recognise Unconscious Bias. For the first time, WiN UK arranged a series of personal development workshops for delegates to take part in. These covered some of the areas discussed during the main conference, such as unconscious bias and the Industry Charter, but also equipped delegates with lessons in how to speak confidently, network effectively and understanding how to lead authentically.

The feedback from the Conference has been very good and plans are progressing for 2017.

**WIN UK joins the Nuclear Institute**

Alongside the main annual conference, WiN UK launched its partnership with the UK’s Nuclear Institute. WiN UK had looked at its governance structure for some time and decided that the best approach to remain an effective organisation was to become a branch of the NI. The partnership was launched on 1 February to conference delegates at a reception in the House of Commons. “It’s great to be able to address a room and know it is full of members of the Nuclear Institute,” said John as he discussed how WiN UK members are now automatically part of the NI family. “I’m really excited about the merger with the Nuclear Institute and the possibilities it gives to WIN UK and its members”, said Miranda Kirschel, WiN UK President.

The House of Commons reception officially opened the Conference and was sponsored by Sellafield Ltd. Sue Hayman MP, who hosted WiN UK in the House, spoke at the event and highlighted the great work that Sellafield Ltd is doing to improve gender balance. Donna Connor, WiN UK executive board member and a lead representative on the Sellafield Women’s Network said: “Sellafield Ltd is ahead of the curve when it comes to recruitment and retention of females,” but also highlighted how this will take time to feed into the senior management. This message was backed-up by Sue Hayman MP, who emphasised the good work being done at Sellafield: “Sellafield is doing great work, 32% of their apprentices are female... I urge you all to follow their lead.”

**US WIN**

**US WIN Region 1 Conference Success**

The US WIN Region 1 held their conference in Delaware on December 4, 2015. Region 1 includes the northeast region of the US, from Maine down to Washington DC and includes the following Stations: Beaver Valley, Calvert Cliffs, FitzPatrick, Ginna Hope Creek, Indian Point, Limerick, Millstone Nine Mile Point, Oyster Creek, Peach Bottom Pilgrim, Salem, Seabrook, Susquehanna, Three Mile Island, Vermont Yankee

**CELEBRATING SUCCESS**

WiN Global President Se-Moon Park, inaugurated as the 8th President of KOFWST.

The Honorary President of WiN Korea Dr. Se-Moon Park (President
WiN Global) was inaugurated as the 8th President of KOFWST (termed 1. Jan. 2016 ~ 31 Dec. 2017). “To address such major scientific issues affecting the nation and communities as climate change, environment and energy security. We, as a relevant group, will put our best efforts into finding ways of communicating with the public, carrying out our mission as scientists to promote the bright future of the nation,” said President Park.

**WiN UK President Honoured with MBE**

Miranda Kirschel, the President of WiN UK was formally honoured by Her Majesty Queen Elizabeth II with the Medal of the British Empire (MBE) in recognition of her role in forming WiN UK.

**WiN Korea Honored Ministry Award**

Celebrating the 5th Nuclear Safety and Promotion Day (December 23, Lotte Hotel, Seoul), WiN Korea was honored by the Minister of Trade, Industry and Energy in the nuclear sector.

WiN Korea was awarded for its efforts in communicating with the public and promoting positive recognition of nuclear technologies through symposiums and other various activities, and enhancing understanding and disseminating related information, and improving the skills of relevant personnel skills and leadership qualities, securing its position as a leader in international societies and ‘and the promotion of nuclear technologies in world markets.’

**WiN Korea members Sanghui Kang, Inyeong Noh and Haecho Lee were awarded**

During celebration of the 5th Nuclear Safety and Promotion Day (December 23, Lotte Hotel, Seoul), three members of WiN Korea, Sanghui Kang (KHNP), Inyeong Noh (KAERI), Haecho Lee (KAERI) were awarded by the minister of Science, ICT and Future Planning for their contribution of nuclear promotion.

**MARK YOUR CALENDARS**

**2016 World Nuclear Exhibition (WNE)**
28-30 June 2016, Le Bourget, Paris, France

**2016 WiN Global Special Award Ceremony**
29 June 2016, Le Bourget, Paris, France

**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 Global supports nuclear energy as a major part of the worldwide fight to fight climate change. At COP21, in Paris last December, our organisation took part in the Campaign for Nuclear Energy. We argued that nuclear energy should be recognised as an important low-carbon option. We presented our powerful Women in Nuclear Declaration for Earth Climate.
WiN Global continuously supports any activity for nuclear energy for climate change.

The 2016 WiN Global Annual Conference will be held in Abu Dhabi in November. The website for the conference is now live. Please visit at http://womeninnuclearconference2016.com/

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