



HEADLINES

INTERNATIONAL CONFERENCE ON HUMAN RESOURCE DEVELOPMENT FOR INTRODUCING AND EXPANDING NUCLEAR POWER PROGRAMMES

The nuclear renaissance is becoming more evident. Currently, more than 50 countries have expressed an interest in launching nuclear power programs. Even more countries are planning program expansions. The resulting human resources challenges and needs will be discussed in the "International Conference on Human Resource Development for Introducing and Expanding Nuclear Power Programmes", organized by the International Atomic Energy Agency and hosted by the Government of United Arab Emirates. The conference will be held in Abu Dhabi, from 14th to 18th of March, 2010.

The main objectives of the conference are to:

- Exchange information at Organizational, National, and International levels regarding human resource policies and strategies;
- Discuss the challenges and successes of human resource development with countries launching and expanding nuclear power programs;
- Explore best practices and trends in the role of Educational Institutions and Industry to develop a competent workforce;
- Create awareness on the role of women as resources in the nuclear field and discuss the promotion of nuclear sciences for new generations.

WiN Global is a key participant and has been invited to:

- Create visibility for its network with Governments, Organizations, Research Centers and Universities with representatives from more than 70 countries.
- Highlight the role of women who are already in the nuclear field and highlight the potential of the young women students;
- Promote WiN Global and our individual chapters, and provide information on how to establish new chapters;
- Expand our professional network of Women in Nuclear.

If you are already participating to the conference, please feel free to bring promotional materials from

your own WiN chapter. If you would like to donate promotional material, including pictures of WiN events, women working in the field, or videos from your local chapter that are suitable for displayed or distribution at the conference, please send a description to Susan Brissette, President of WiN Canada (susan.brissette@brucepower.com).

Requested deadline for contributing materials is 31 December 2009.

WOMEN AND NUCLEAR – THE UK EXAMPLE

THE UK TRADE BODY - the Nuclear Industry Association (NIA) - has recently released a groundbreaking piece of research; looking at nothing less than the public perceptions of the nuclear industry from the perspective of UK women.

NIA has polled the UK public for over a decade and – whilst support for nuclear has risen steadily and opposition fallen away to a decade-low of just 19% - there has remained a concerning trend that women UK women show substantially lower support for nuclear than men.

Though women are now positive towards nuclear on balance (and indeed up 7% in two years), their support levels are 20% lower than their male counterparts. This is double the gender-differential of nearly any other controversial issue; so NIA decided to dig a little deeper.

The results indicated that different methods of collecting information between men and women were key cause of nuclear communications being directed more towards males. It also suggested that for men or women, a greater understanding of nuclear energy correlates directly to stronger support.

NIA Chief Executive Keith Parker commented: "The extra research we have undertaken this year into the differences between support for nuclear between men and women shows how committed the nuclear industry is to public engagement. The nuclear industry provides power to all the people of the UK - we are dedicated to reaching-out and communicating to the entire public".

The report was launched at the NIA's annual Energy Choices conference. This is the seminal event of the UK nuclear calendar – the premier conference run by the industry, for the industry. Delegates heard from UK Energy Minister Lord Hunt, NIA Chair Lord O'Neill and an array of top-level industry speakers.

In the afternoon an all-female panel debated the NIA's report, as well as a range of issues around public engagement. Chaired by the BBC's first ever female newsreader, the legendary Newsreader Angela Rippon, the panel consisted of the UK's only female nuclear power station director Gwen Parry-Jones, Cogent Sector Skills Council CEO Joanna Woolf, Vice-chair of the UK Young Generation Network Corhyn Parr and NIA Member Services Manager Amanda MacMillan. WiN was discussed and debated by the panel producing a mixed response, following a question on public engagement programs from WiN Global Secretary Isis Stafford.



The conference was closed by former anti-nuclear environmental campaigner Mark Lynas, who noted the importance of nuclear power in tackling global climate change. He summed up his view on the role which nuclear must play in the simplest yet powerful phrase of the day:

“Your job is to save the world”.

To receive a copy of this special report, please contact Tristram Denton:

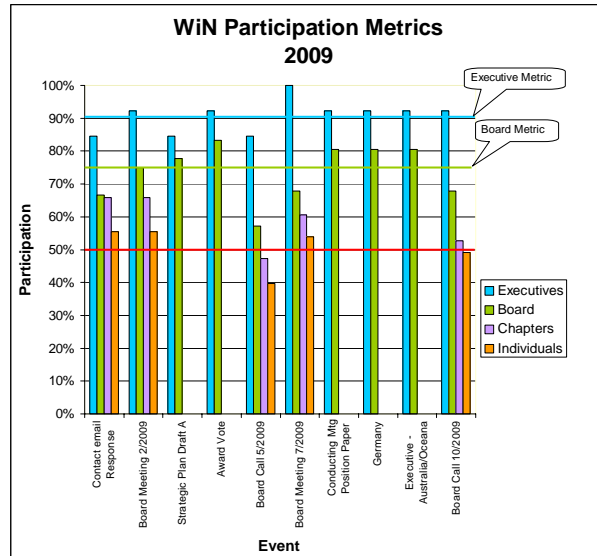
Tristram.denton@niauk.org.

PERFORMANCE METRICS

WiN has established participation measurements for the WiN Leadership of 90% for the Executives and 75% for the Board. Participation includes meetings, conference calls, votes, and requests for information. The items selected must align with WiN strategic goals with participation based on the following criteria:

- Direct participation
- Participation of a previously identified alternate
- Providing inputs on agenda items prior to the meeting

Congratulations to all WiNners for working so hard to meet our goals. Our success is illustrated in the following graph.



If you have any questions, comments, or would like more information please contact the WiN President, Cheryl Boggess.



WHAT'S NEW?

WIN AWARD PROCESS

The 2010 WiN Award selection is underway. As a result of observations and suggestions aligned with the WiN Strategic Plan, the process for 2010 will have a new look. Information is being sent to Board members and Country Contacts. Materials will be available for all WiNners in January 2010. If you have a nominee please contact your WiN Leadership.

2010 WIN EXECUTIVE ELECTIONS

Three of our WiN Executives will be completing their terms in 2010. A review of the current member distribution supports replacing these Executives with representatives from Europe and Asia. As required by the WiN Charter nominations are requested to be provided to Cheryl Boggess, WiN President. The deadline for nominations is January 15.

The nominees will be reviewed by the Executives and a slate presented to the Board at the meeting in February. Voting will be completed in March and the Executives will take office at the 2010 General Assembly in Busan Korea. As detailed in our Charter, the new Executives may serve three consecutive 2-year terms. Therefore their terms may extend from 2010 until 2016. Please consider this when submitting a nomination.

2010 WIN PRESIDENT ELECTION

Cheryl Boggess, current WiN President is standing for election of her second two year term as permitted by the WiN Charter. Voting will be completed by February 28, 2010.



THE WORLD OF WiN

WiN KOREA

'2009 Symposium on Nuclear with Women': A Successful Journey to Nuclear Knowledge and Safety Experience

The 'Symposium on Nuclear with Women', held in September in the conference hall of the National Assembly Library in Korea, is an annual activity of WiN-Korea since 2004. The main purpose of the Symposium is to disseminate nuclear knowledge to the public and members of the National Assembly.

The 6th symposium had been co-organized by Win-Korea and Digital Forum (the president; Mr. Sang-Ki Seo) of National Assembly. The theme of the symposium was "A Journey to Nuclear Knowledge and Safety Experience" which consisted of two parts. The first part was invited talks titled "the Keeper of Nuclear Safety - a Hero of Green Growth" and "Radiation Safety in Medicine". The second part was of a technical tour programme which is to visit a nuclear power plant and a research institute including cultural tour.

The symposium was a great success with diverse attendees of more than 200 people composed of 17 members of National Assembly, 30 WiN-Korea members, 120 elementary school pupils and their parents from the Seoul area, reporters from mass media, and 40 members of Women Interested In Nuclear.

This symposium drew special attention from the mass media for having invited elementary students and their parents to the meeting and resulted in good publicity, directly and indirectly. Many newspapers reported about the meeting, and several women science associations had also reported the event with special concern.



2009 WIN-KOREA ANNUAL MEETING AND SPECIAL LECTURES

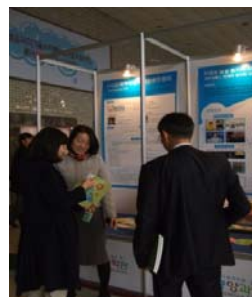
"The 2009 WiN-Korea Annual Meeting and Special Lectures" was held on 2nd November in Seoul (Conference Hall of Korea Institute of Radiological & Medical Sciences (KIRAMS)).



Special Lectures were presented before the general meeting. Dr. Chung, Kun-Mo, a former minister of Ministry of Science and Technology, gave a lecture titled "Review the Development of Nuclear Energy in Korea for 50 years: Toward Nuclear Renaissance". His career in nuclear is almost coincident with the nuclear history of Korea. The lecture was very thoughtful and informative. Another lecture was about improving the communication technique and leadership titled "Leader's communication technique which can get the people's mind" by Jeon, Mi-Ok, a representative of CMI Research Institute. About 80 of the 323 WiN-Korea members participated.

An exhibition was also held with some education tools developed by WiN-Korea such as pop-up book, a hologram gift contained the periodic table of the elements, etc. Through these products, the staffs of KIRAMS and the members of WiNK had a chance to understand the activities of WiN-Korea.

WiN-Korea held an exhibition on 27th November in the exhibition hall of National Science Musium on the deliverables from the project titled 'Development of nuclear visual education tool and techniques for the next generation' which was one of the sub-projects of 'Education and Nuclear Knowledge Dissemination' subscribed by the Ministry of Education Science and Technology from Dec. 2008 to Nov. 2009.



Exhibition of Education Tools and Techniques items developed by WiN-Korea.



The deliverables from this project such as the pop-up books, some educational boards using hologram technique, a magic book, WiNK ambassador's message, etc. were exhibited. WiNK appointed a nuclear ambassador spokes-person (Ms. Oh, Young-Sil) through this project to improve nuclear-friendly mood for the public and children. The exhibition drew much interest of the members of the Project Evaluation Committee and the sub-project leaders and participants. Especially, the pop-up book and magic books were popular with the participants.



For more information on WiN-Korea activities please contact Dr. Se-Moon Park.

WIN ROMANIA

The Romanian Association for Nuclear Energy (AREN), the Romanian Atomic Forum (ROMATOM) and SN Nuclearelectrica SA have organized a drawing competition for children entitled "Alexandru Ene". The competition has become a tradition in the Romanian nuclear energy sector. As a premier for 2009, the contest included a new chapter, consisting of a short essay on the theme of "The Atom – my friend". The purpose of the new addition was to provide the children more opportunities to express their artistic ideas. The



Hunedoara and Ialomița. As of the 1st of July, 256 drawings and 30 essays had been received. The participants in the contest are kindergarten,

completion was promoted during April-May, in schools in Bucharest, Cernavoda, Pitesti and others; the announcement even reached counties such as

elementary school and high school pupils, up to 17 years old, who have achieved imaginative creation, under the supervision of their drawing, physics, and biology teachers. The creations illustrate the topics of the contest: What do we know about energy?, The atom – my friend, Nuclear power saves the environment, and The energy of the third millennium.

The organizers hosted the exhibition and award ceremony where the best creations received prizes at the International Environment Day, June 5th. The mission of the jury was a difficult one, in the attempt to evaluate both the artistic impression as well as the message conveyed by every drawing or essay. The events were hosted at the Bucharest Centre for Cultural Projects where over 100 children, parents and teachers attended. The award ceremony was opened by a series of martial arts demonstration given by Sincron Sporting Club, a magic show by a magician from the Puppet Theatre Libelula and a mini-concert by Oana Sarbu, a popular singer and actress for the young generation.

The President of AREN, Mrs. Mihaela Stiopol together with the editor of the "Energia Nucleara" Magazine, Mrs. Nineta Ghizdeanu, the deputy secretary general of ROMATOM, Mr. Stefan Pall and Ms. Lavinia Rizea from the Young Generation Network awarded the prizes to the most children. The prizes were divided into 4 age categories and ROMATOM gave three special prizes for originality and composition. All the participants in the completion have received diplomas for their participation and enjoyed the show.



"The atom is the milk in the glass, my favourite cookie, the lights in the Christmas tree and the toy car I still play with from time to time; it is also in my friend who is calling me out to play football"
(Victor-Cristian Popa, 4th grade, "Mircea Eliade" School – Cernavoda, 2nd Prize).

The drawing will be on display on different locations around Bucharest and in the country.

For additional information please contact Mihaela Stiopol President "Nuclear Energy" Romanian Association and WiN Romania.

WiN GERMANY



The second Annual Meeting of Women in Nuclear Germany was held on October 8th in Hannover, aiming to reflect the achievements of the first year of the international women's network WiN in Germany.

In her opening remarks Germany's WiN President, Beate

Scheffler, thanked all WiN members for their efforts and dedication, being present at exhibitions or conventions as ambassador of WiN inside and outside their working environment or in the active cooperation in one of the working groups. *"You all did a great job during the last year, we have achieved a lot. This wouldn't have been possible without your active support and the superb collaboration within the teams"*, Scheffler said.

The main achievements of the six working groups of WiN Germany are:

- A first communicative positioning of WiN within the German nuclear community and the media was arranged.
- External and internal communication means have been created, as for example the WiN Germany website, the WiN Google group - an internal information platform for all German members -, an information flyer, and posters for use at exhibitions.
- Furthermore, good relationships to the WiN chapters of Switzerland and Sweden have been established and topics for further collaboration were discussed.

In addition, WiN Germany participated in several exhibitions dedicated to energy and assemblies of other German women's networks.



"We have been particularly successful in recruiting new members", Beate Scheffler commented as well. *"I am very pleased to welcome the 100th member of WiN Germany: Dr. Silvia Nikles."*

New member Silvia Nikles about the ambitions of the network of women in nuclear:

"I think the idea of WiN to combine the nuclear issue with female and emotional aspects is very important. In Germany,

events and topics concerning the nuclear issue are mostly presented very complicated in press and

media. We should try to use the female way of communication, which finds a balance between the factual and the emotional side of an issue."

Following the annual meeting a workshop with a communication expert was performed. The participants learned different communication techniques to handle critical questions and discussions with anti-nukes.

WiN SWITZERLAND

First Get Together with WiN Germany

Two board members of WiN Germany, Ingeborg Hagenlocher and Ariane Remmert were officially invited to join WiNners from Switzerland during their visit of Nuclear Power Plant Gösgen (KKG). One of the highlights of the event was the newly built storage pool for spent fuel assemblies – a facility which is unique in Europe.



The well trained and competent visitor guides, Mrs. Fröhlicher, Mariano and Spichiger together with Mr. Stettler, provided a lot of facts and valuable information. During the tour and especially during the informal networking hour, many long lasting existing contacts were refreshed and new contacts established between the WiNners.

WiN Germany sends a great thank you to WiN Switzerland and especially to their President Irene Aegerter for a wonderful time and perfect organization.

WiN CANADA

TRADESWOMEN INSPIRE YOUNG WOMEN

WiN-Canada sponsored two Skills Work for Women! Networking Dinners in November, 2009 reaching out to 230 female students from local secondary schools. The dinners are a new spin on the career fair where young women from grades 9-12 gather and have dinner with female mentors from various skilled trades and technologies. After dinner the students and mentors are divided into five different sectors covering: Communication, Construction, Manufacturing/Industrial, Service and Transportation and Automotive. The students rotate through all the sectors providing them with an opportunity to hear

personal stories about these careers from each of the mentors and are encouraged to ask the mentors questions.

WiN provides mentors from the nuclear industry who join other mentors in the community to broaden out the representation of all sectors. The students hear first hand accounts of a day-in-the-life of a woman working in the skilled trades and technologies. The students leave with a better understanding of the opportunities available to them in the non-traditional careers.

The recurring message from the mentors is, 'If you want to be self sufficient and not be dependant on any one else to earn a good living, work with your hands and experience something new on the job each day, keep up your science and math courses and look to the skilled trades and technologies as a career choice.'

The shortage of workers in the skilled trades and technologies in Canada is providing more opportunities for young women. The traditionally male-dominated industry is seeking new workers, with a declining workforce expected to hit 364,000 jobs by 2025. There has never been a better time for young women to choose a high-paying, life-long skilled career.



WiN-Canada member, Annette Nisbett, Ironworker Journey person, speaks to young women at a typical day in her career.

For more information on Skills Canada-Ontario visit www.skillsontario.com.

GIRLS SCIENCE CLUB

"Nature-ology" was the theme of the GIRLS (Girls in Real Life Science) Science Club hosted by WiN-Canada on Friday, November 13th. Twenty girls participated in the half-day program and learned all about the science of interpreting nature and signs of life. The girls got right down to business during an activity where they carefully dissected owl pellets to discover the skulls, bones, feathers and fur that the owls could not digest. The weather cooperated beautifully to allow a nature hike through woods and forest to observe nature in the wild and to play some outdoor animal themed games.

The camp was created by WiN-Canada to spark an interest in science for girls in grades 4 through 7. The intent is for the girls to develop skills, maintain an interest, and to continue studying science well into secondary school and possibly beyond. Through this club young females recognize that science is not just a domain for males. The next camp Animal Adaptation and Hibernation will be held on Friday, December 4.



GIRLS Science Club members dissect owl pellets to discover the skulls, bones, feathers and fur that the owls could not digest.

WiN IAEA

WiN-IAEA is hard at work on the March human resources conference that is being organized by the International Atomic Energy Agency and hosted by the Government of United Arab Emirates. The conference will be held in Abu Dhabi, from 14th to 18th of March, 2010.



WiN-IAEA is leading the effort to gather and create materials to support a WiN information booth. In addition WiN will host a panel session and have several video displays highlighting WiN activities. The goal of this first of a kind effort is to generate materials that can be used to support similar efforts around the world of WiN.

For more information or to contribute materials please contact Eva Gyane, WiN-IAEA President.

WiN BULGARIA

WIN - BULGARIA ORGANIZES THE FOURTH THEMATIC NIGHT FOR YOUNG PEOPLE

"Nuclear Industry and Radiobiology" was the title of the night organized by WiN – Bulgaria on November 26th 2009 in Kozloduy. The event was organized as a competition on Nuclear Energy and Radiobiology for high school teams. The participants this year were from six schools – three from Kozloduy, one from Belene and two from Sofia. The students demonstrated their knowledge about the history of radiobiology, the contribution of some leading scientists for its development and for its role in nuclear industry and people's life.



The competition was organized in four rounds: introduction of the teams in the context of the subject, presentations delivered by each team, theoretical questions and arrangement of a thematic puzzle. After a challenged competition and a variable score in the individual rounds, the team of Hristo Botev Comprehensive School ranked first, followed by the students from the National School on Science and Maths -Sofia. The competition went on for more than two hours in a packed hall. A special quiz was organized for the public and prizes were given to the winners in the competitions for an essay, a drawing or a presentation on the subject.



Since 2005 WiN Bulgaria has hosted time this type of event, dedicated to the application of different sciences in nuclear industry: physics, Information Technology, chemistry and ecology. These thematic nights have turned out to be the most successful events in the programme of activities of WiN Bulgaria and they are gaining more and more popularity among students. This is easily proved by the participation of more schools each year and by the support that we receive from the specialists and organizations in this area. Katya Minkova -the president of WiN-Bulgaria announced in her opening speech that for the next event we will have to make a preliminary qualification of teams. The KNPP Safety and Quality Director welcomed the participants too and announced that the plant had organized a trip for all the participants and their teachers to the Bulgarian Academy of Sciences and the Research Reactor in Sofia. The event was attended by representatives of the Nuclear Regulatory Agency, the Bulgarian Atomic Forum (BULATOM), the State Enterprise Radioactive Waste and many other organizations and sponsors.

WIN BULGARIA SETS PRIORITIES FOR THE NEXT TWO YEARS



The annual WiN Bulgaria meeting was held in Kozloduy on 27th November 2009 and it was well attended by members of the three sections - from Kozloduy, Belene and Sofia. The members of the youth section also attended the meeting and as a notable achievement we are pleased to say that the number of the members in this section has doubled over the last year -from 32 last year to 62 this year. The meeting attendees agreed unanimously about that working with young people will remain a lasting priority in the activities of WiN Bulgaria.

Some of the activities planned in the Programme of WiN Bulgaria and approved at the meeting are: a mobile workshop for students on subjects related to NPPs; thematic night on nuclear industry, youth sport events organized under the aegis of our association. WiN Bulgaria has planned to make a film promoting the activity of women working in the nuclear sector and to conduct meetings with the public in Kozloduy and Belene on issues related to RAW management; to participate actively in the work of other similar organizations.

The President of WiN Bulgaria Ms. Katya Minkova gave a report on 2009 activities. The emphasis of the work of the organization this year followed the already established tradition - young people. 2009 events were focused on the young generation - the International round table, thematic night, sports tournament etc.

Representatives of WiN Bulgaria have also attended a series of forums for popularizing the nuclear industry -in the USA, Romania, Slovakia and Bulgaria.



Management elections were also conducted during the meeting in accordance with the statute of the organization. The attendants at the general meeting elected the following members:

- Katya Minkova- President of WiN Bulgaria
- Andriana Vakleva - President WiN - Kozloduy Section
- Mariana Dicheva - President WiN - Sofia Section
- Krasimira Petrova - President WiN - Belene Section
- Boyanka Garkova - Secretary WiN Bulgaria
- Rumyana Stoyanova - Coordinator with WiN Global for WiN Bulgaria.



At present the members of WiN Bulgaria are 110, as 22 women joined the organization in 2009.

For more information on WiN Bulgaria activities please contact Katya Minkova or Rumyana Stoyanova.

WiN SWEDEN

WiN Sweden's Annual Meeting 2009 at Studsvik

In November, around thirty WiN members met at Studsvik, located on the coast of Sweden, for an educational and stimulating annual meeting, with opportunities for much socialising and networking. The annual meeting was jointly sponsored by three organisations: Studsvik AB, Studsvik Nuclear AB and the nuclear safety training centre, KSU.



The programme included presentations by Anna-Maria Alvarez from Studsvik Nuclear who talked about the international fuel testing programme, Studsvik Cladding Integrity Project (SCIP) and Arne Larsson, also from Studsvik Nuclear, who described the design and planning of a new pyrolysis facility for the treatment of waste from the fuel fabrication plant in Västerås. Mona Eriksson and Tim Lundström from the nuclear training and safety centre, KSU, talked about the organisation's pedagogical philosophy and its approach to the training of reactor personnel. WiN members also participated in study visits to Studsvik's Hot Cell laboratory and waste treatment facilities.



New board members were elected at the meeting.

WiN Sweden's board now consists of:

- Monica Bowen-Schrire - Chairperson
- Malin Löwe - Secretary
- Karin Aquilonius
- Hannah Brorsson
- Eva-Lena Lindgren
- Agneta Gannå-Lundgren
- Ann-Sophie Gustavsson
- Marguerite Nilsson
- Martina Strand
- Mona Eriksson

WiN Sweden is rapidly growing and now has 230 members.

WiN FRANCE

This year's WiN France Annual General Meeting was held on December 1st at the CEA (Atomic Energy Commission) site at Cadarache in the South East of France. The name of this site is now familiar in the nuclear world as it is the home of the future international ITER nuclear fusion research reactor and some of our WiN members are involved in the project.



During the meeting our accomplishments of the past year were reviewed. Our activities have essentially focused on improving the visibility of WiN France and on the development of the employability of women in the nuclear sector with a special emphasis on what we as a national body, regional groups and as individuals could contribute to these goals.

At the national level, the key actions were the registration of WiN France as a legal entity together with the protection of the WiN France name and acronym (now registered intellectual property) and the first edition of the EDF/WiN France Fem'EnergiA Awards. The objective of these awards is to provide encouragement and guidance to young women entering nuclear industries. This success of the first edition has already greatly contributed to the visibility of WiN France. For more details, visit:

www.win-france.fr or www.edfreclute.com

Also on a national level WiN France pursued its partnerships with technological colleges, universities, engineering schools and certain "grandes écoles" providing mentoring to individual students, sponsoring conferences, giving career advice and reaching out to international student associations. WiN France participated in major career forums. It has also consolidated relations with other networks such as Women in Science, Women Engineers, Women and Mathematics, and "Force Femme". The latter organisation is dedicated to helping "senior" women (45 years and over) who have lost their employment to find new jobs or to create their own business.

The regional chapters of WiN France have been active, developing actions with university Junior Enterprise networks, participating in local job forums, organizing technical visits and conference luncheons and in various other communication actions.

Examples of these activities are the implication of the Burgundy section in the edition of a comic booklet for students at high school level. The aim is to give clear, balanced information to adolescents about nuclear and to explain the multiple career perspectives in the nuclear industry. In the same register, the Ile de France section is currently creating a "learning kit" in the form of an amusing quiz game destined for young college students in the 15-17 age group, their parents and teachers.

The WiN France objective for the future is to grow the network through the adhesion of new members. Two new regional sections will be created in Aquitaine and in Eastern France. The proposition to welcome expatriate ladies from Italy working in France was warmly welcomed as was the idea that French Winners working on international projects or taking up positions abroad could also help in the creation of WiN Chapters in their host countries. In general, French winners were warmly encouraged to take advantage of the network and to participate in the different projects.

The Meeting was followed by a luncheon with the participation of Ms. Pascale AMENC-ANTONI, Senior Advisor to the ITER Director-General, who related the story of her exceptional career with some amusing anecdotes. The luncheon was followed by a guided visit of two important features of the CEA site in Cadarache.



First, the construction site of the future Jules Horowitz reactor due to be commissioned in 2014. This research reactor is destined for the production of medical isotopes and will also be used for the conception and testing of new fuels and materials notably for the Generation IV reactors. Our second visit was to the Tore Supra building for an explanation of magnetic fusion technologies and on the functioning of the Tore Supra tokamak. Additional information is available at:

<http://www.fusion-magnetique.cea.fr/gb/index.html>

This concluded a very interesting day that was greatly enjoyed by all participants.

WiN JAPAN

Win Japan is very pleased to announce our renewed website. Please visit us on-line now at:

<http://www.win-japan.org/english/index.html>

"Members' Challenge" is still in Japanese, however, we are planning to translate it into English in the near future. Visit us often and watch for more developments.

WIN TAIWAN

As part of a research project conducted by a team of WIN Taiwan members, a nuclear and radiation education website named **“Yuan Lai Ru Ci—So that’s what it is all about”** is being set up to provide general knowledge of atomic energy applications



and green energy technology to children, school teachers as well as the general public. The Chinese character **“Yuan”** has the meaning of **“origin”** while **“Yuan Zi”** is **“atom”**. The phrase **“Yuan Lai Ru Ci”**, a very common idiom in the Chinese language, is frequently used when one wants to express **“that explains it”**, **“no wonder”** or **“now I see...”**. As children like this type of obvious humor, it is hoped that the homophonic pun of **“yuan”** makes the website more attractive to, and easy to be remembered by, youngsters.

When complete, this new website will have four major sections. **“Yuan Zi Mi Jing”** or **“Atom Secret**



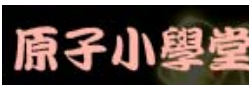
Land” will provide information such as basic science of radiation

applications and protection, and stories of legendary scientists in related fields. **“Lú Se Neng Yuan”** or **“Green Energy”** will introduce different forms of



power generation, such as hydro, wind, tidal, and nuclear. **“Yuan Zi Xiao Xue Tang”** or **“Atom**

Classroom” will provide nuclear energy and radiation related information in such forms as games and films, that are easy to understand, and are attractive to younger school children, whereas



“Yuan Zi Han Lin Yuan” or **“Atom Academy”** will offer readily usable teaching modules and teacher’s guides alike for school teachers to download and use in the classroom.



The **“Yuan Lai Ru Ci”** website (currently at

http://www.nucl.nthu.edu.tw/nu_info/) is targeted for completion by the end of 2011 through partial support of the mutual research fund sponsored jointly by the National Science Council and the Atomic Energy Council.

For more information on this website or other WIN Taiwan activities please contact Jyi-Lan Wu (President) or Jessie Chiu (Advisor) of WIN Taiwan.

WIN SPAIN

AT THE ANNUAL MEETING OF THE SPANISH NUCLEAR SOCIETY

Following the objective of the last few years, WIN Spain wanted to be actively present at the Spanish Nuclear Society (SNE) Meeting that was held, this year, at Sevilla (October 28th to 30th). Besides the presentation of few papers which principally recapped the WIN Spain as well as WIN Global activities throughout the past year, our traditional activity as part of the Companions’ Program, a Conference-Roundtable, was organized. The topic was: **“Nuclear Fusion, the Energy of the Future?”**.



Round Table Presentations

Although nuclear energy is considered and is going to be an important part or contribution to the European Union energy mix, nuclear energy is still not achieving adequate public acceptance in some of the countries members; among them, in addition to that Spain has a low public acceptance level even with nuclear power plants as part of the operating fleet.

The energy demand is increasing but the society is more and more concerned by the environment. This is crucial issue and that is why nuclear fusion, as a potential source of energy, was chosen this year for our WIN Spain conference. Dr. Beatriz Brañas, principal researcher at the CIEMAT, Spain’s major research center on energy, environmental and technology, was our distinguish speaker. Dr. Brañas, with more than twenty years of research in nuclear fusion gave us a clear explanation of the basic principles of fusion as a mean towards energy production. She provided a wide view of the actual technology state-of-art, the principal confinement choices (magnetic vs. inertial), identifying the pros and cons of each, as well as the great advances obtained in the last forty years of research that make fusion a more comprehensive potential energy source. Effectively, she pointed out the great importance of energy generation without radioactive waste depending on the fusion chain reaction selected, and provided the actual research lines that are being undertaken. In addition she summarized the principal technology problems that are still to be resolved - the qualification of new materials and

blanket design where tritium, required for nuclear fusion, is generated. Even if fusion as a generating energy source has still a great degree of technological complexity, it is still a very attractive means of energy production because the required fuel is in abundance and does not induce green house gases.

The international ITER project was also outlined in this Conference. This great project in Cadarache (France), in which Spain participates, has the aim to provide the first steps to generate electricity from fusion. The actual situation of this project and the latest research being undertaken and their reasons were outlined.

The audience was very interested in this topic and there were many comments and questions related to the real possibilities of fusion as a future energy source in spite of the difficulties being encountered on the way, typical of all research processes. The attendants, congratulated Dr. Brañas for her clear presentation of this interesting topic, and agreed that it would be great to have nuclear fusion, a very environmentally friendly energy source, as a part of the energy mix in the near future.



CELEBRATING SUCCESS

Congratulations to WiN Germany for their election to the WiN Global Board.

Congratulations to Jasmin Craufurd-Hill, WiN Australia for her election by the Board as the new WiN Global Executive representing Australia-Oceania.



MARK YOUR CALENDARS

WiN Survey

Coming in early 2010. Watch for it and participate in making your thoughts count towards the future direction of WiN.

WiN Executive Conference Call

January 19 6AM US EST.

WiN Executive Meeting

February 13 13h00 – 17h00 Hilton, Budapest Hungary.

WiN Board Meeting

February 14 13h00 – 17h00 Hilton, Budapest Hungary.

PIME 2010

February 14-17 Budapest Hungary

IAEA HR Conference

International Conference on Human Resource Development for Introducing and Expanding Nuclear Power Programmes. Organized by the International Atomic Energy Agency and hosted by the Government of United Arab Emirates in Abu Dhabi, from 14th to 18th of March, 2010.

WiN 2010

May 10-14, 2010 Busan, South Korea. Details coming soon on registration and participation opportunities.





2009 was a year of accomplishments. WiNners took on many challenges. Reading this edition of WiNFO it is clear that WiN Chapters have focused on reaching children and are achieving remarkable results.

WiN has taken on the difficult task of capturing our processes and common practices. To support this work WiN established three committees:

- Strategic Planning
- Messaging
- WiN Award

The WiN Leadership set a regular schedule for communication and established metrics to measure progress. WiN has reviewed the membership process and is working to define the steps in formal documents. This effort will help new and existing members be integrated into the organization and work together more seamlessly.

WiN Executives as the daily working managers of the organization have become engaged directly in emerging issues and administration of WiN business. The Executives are focused on becoming key points of contact for new members and Chapters. Executives are becoming more visible as organizational leaders.

Executives and individual chapters are taking on mentoring roles and strengthening our network. We have seven documents in progress and have approved Position papers on Board Membership and

Terms of Requirements for Committees. We have updated our Charter and produced our very first WiN Global Strategic Plan.

WiN continues to add to our numbers on the Executives, the Board, Chapters and general membership. WiN has members on all continents – including Antarctica – thanks to IAEA and our member scientists.

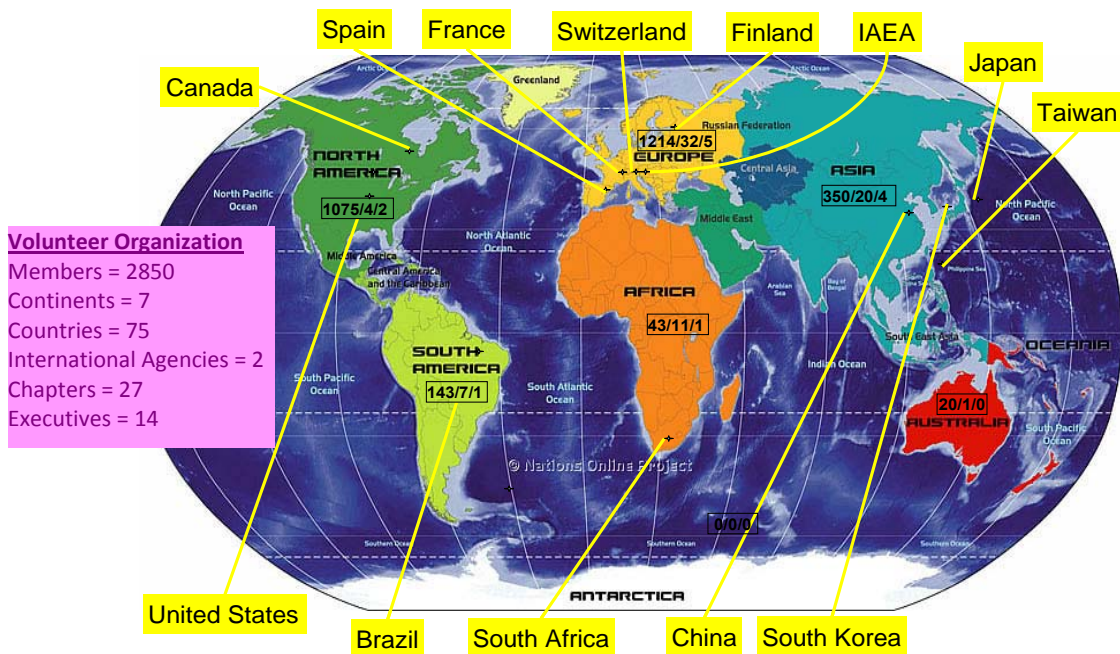
What's next? WiN is looking at capturing standard messages for use to support our many developing and re-birthing Chapters. Working together we hope to provide an easy path for Chapters to create materials to use in meeting our Vision and Mission.

Most importantly we are asking important questions. The goal is to set a consistent course as we move into the future. To help you will have an opportunity to provide your thoughts through the WiN Survey.

As we move forward WiN must be clear on who we are and how we function. WiN is looking to determine our brand and advertise on a global scale. With all of the uniformity it is important to retain our unique blend of cultures and perspectives. Open and candid communication across our diversity, breaking down all barriers, has been the standard for WiN – this is our legacy and our brand on a grand scale.

As the year comes to a close we will turn our attention to 2010 and look to the opportunities it presents. As we do I would like to take this opportunity to wish all WiNners a wonderful holiday season and a Happy New Year.

Enjoy the season!
Cheryl



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