CONTENTS

HEADLINES ............................................. 2
WHAT’S NEW? ......................................... 2
THE WORLD OF WIN ................................. 2
WIN Bulgaria ........................................... 2
WIN Canada ............................................. 3
WIN Germany .......................................... 5
WIN IAEA ............................................... 5
WIN Poland ............................................. 6
WIN Korea ............................................... 6
WIN UK ................................................ 8
WIN Ukraine .......................................... 8
WIN USA ............................................... 10
CELEBRATING SUCCESS ......................... 14
MARK YOUR CALENDARS ...................... 15
TECHNICAL PAPERS ............................... 15
PRESIDENT’S CORNER ............................ 15
HEADLINES


The Swiss Nuclear Society honours Irene Aegerter.
(See page 15)

WHAT’S NEW?

The new WiN Global website will go live in September

‘20 Years of WiN’ is now in its final editing process

As mentioned in the last issue of WiINFO, WiN is preparing to publish a commemorative book to celebrate our 20\textsuperscript{th} Anniversary. The book will be available in October at the WiN Annual Conference in South Africa.

New WiN Executive Board member is under the process of Board approval

Following Monica Bowen-Schrire’s resignation, her position of WiN Executive Board member is under the process of WiN Board approval.

Monica contributed for many years to WiN as the President of WiN Sweden until 2012 and as a WiN Executive Board member. Meanwhile, she organized the 2012 WiN Annual Conference (Kalmar, Sweden) as a co-chair.

THE WORLD OF WiN

Maya Georgieva’s exhibition, dedicated to 20 years of WiN – Bulgaria

Within the traditional international conference of the Bulgarian Atomic Forum entitled ‘Bulgarian Nuclear Energy - national, regional and world energy security’, WiN-Bulgaria, Sofia Chapter, organized a cultural evening with music, pictures and poetry.

The conference participants had the opportunity to experience the work of a woman – a power engineer, a painter, an artist.

Maya Georgieva dedicated her exhibition to the women – power engineers for the 20\textsuperscript{th} anniversary of WiN-Bulgaria. Petar Pavlov’s poems were read under the sounds of soft music. This creative atmosphere was complemented by the authentic performance of Milena Karadzhova, the guitarist – Asen Marinov and the clarinetist – Hristian Georgiev.

With “Thank you, dear Maya” and more words
of gratitude and respect – the women of WiN gave their talented colleague a congratulatory letter and a souvenir.

**WiN-Bulgaria attended the international conference BULATOM-2013**

*“Bulgarian nuclear energy - national, regional and world energy security”*

WiN-Bulgaria participated in the traditional international conference of the Bulgarian Nuclear Forum under the title of “Bulgarian nuclear energy - national, regional and world energy security”. Six reports from members of the “Women in Nuclear” - Bulgaria were presented in the three days of the Conference from 5-7 June 2013, at Riviera Holiday Club, Varna.

Representatives from all three chapters: Sofia, Kozloduy and Belene took part in the conference. More than 30 of our members participated in the sessions, round-tables and discussions held. Some members of WiN took part in the preparation and implementation of the forum. The attendance to the conference this year was dedicated to the 20th anniversary since the establishment of WiN-Bulgaria. A poster report was presented by Mrs. Lyubka Tzokova “WiN-Bulgaria – an organization with history and future”, which gave the opportunity to the participants in the conference to learn about the history and the activities of the Association – its foundation and establishment, activities developed throughout the years and initiatives and goals planned for the future.

All participants in the conference showed interest in the art exhibition “My hobby” of Maya Georgieva – “Dedicated to the 20th anniversary of WiN-Bulgaria 2013”. The president of WiN-Bulgaria Mrs. Radka Ivanova gave a complimentary address and a WiN-souvenir to Maya in the presence of our members.

**WiN-Canada members connecting with girls…**

WiN-Canada members have been busy volunteering to connect with girls and provide a better understanding of science and technology. On June 7, the GIRLS Science Club explored the science behind yoga, led by Kripalu qualified yoga instructor and WiN member, Sue Macleod. The program *Yoga for Health, Focus and Fun* quickly turned these eager-to-learn scientists into young yoginis.

The girls spent the first half of the session focusing on yoga as the physical science of balancing the opposite energies in the body. Sue then put their knowledge into practice as she guided them through a one hour hatha (beginner) yoga class.

On May 9, Girls Inc. of Durham hosted a career fair for teen girls in the community, as part of their annual *Girls Inc. Week*. This year the focus was on the importance of mentoring.
relationships. WiN-Durham was invited to set up a display table to discuss our organization and how mentorship is important.

This was a great opportunity to discuss career opportunities and mentoring with the 30 young girls, as well as meet and network with other WiNners and women from the Durham region. On May 6 and 7, five WiN-Canada mentors provided career advice to 350 female students at the Skills Canada-Ontario Young Women’s Conference. Advice included keeping up math and science subjects as well as finding a career that they love doing, so they won’t have to work a day in their life. At the event, 23 mentors from various trades and technology careers came to inspire female elementary and secondary students. The mentors told the students if they wanted to get paid while attending school, meet great people, use their creative skills, be able to fix their own homes and make good money, they should look at the skilled trades and technologies as a first choice career option. On April 26, the GIRLS Science Club travelled to the Paisley Veterinary Services clinic to learn about the science behind animal care. The veterinarians and vet technicians offered their expertise and their pets so that the girls were able to take part in, or observe a number of routine procedures the clinic provides, including exams, ultrasounds, x-rays and even a spaying. The examinations allowed the girls the opportunity to learn about caring for pets, as well as some of the health problems cat and dogs can encounter. On April 18, 25 female secondary students from the area were hosted at the Bruce Power’s Bruce Learning Centre as they participated in a Try the Trades Day. The day organized by the Bruce Power staff, Women in Nuclear (WiN)-Bruce members and Ontario Youth Apprenticeship Program (OYAP) staff provided the students with a hands-on experience in the welding, mechanical maintenance and control maintenance shops and operation’s simulator room. The girls experienced dressing in Bruce Power overalls and sporting additional personal protective equipment (PPE) appropriate to the activity they were participating in. Following a safety briefing the girls rotated through activities set up in each of the shops. On April 11 approximately 60 girls from secondary schools registered to attend the Trades and Tech Gala for Girls at St. Stephen High School in New Brunswick (NB). The girls visited different booths and got to spend some one-on-one time with each mentor, including mentors from NB Power. On May 15 a French Trades and Tech Gala for Girls was held in Grand Falls, NB and on May 22 an Aboriginal Trades and Tech Gala for Girls was held in Miramichi, NB. New Brunswick began holding these events to encourage girls to think outside career stereotypes in 2009 and plans to offer six of these galas this academic year.

President speaks to Korean Journalists

Colleen Sidford, WiN-Canada’s President attended a meeting at the Candu Owners Group (COG) to speak with a group of journalists from Korea on Monday, May 6. COG invited a number of people from the industry to speak to the journalists about outreach programs with the public in the communities in which they operate. There are four AECL-designed Candu reactors operating at Wolsong, South Korea. Currently units 2, 3 and 4 are operating, and 1 is shut down during its relicensing process while the utility (Korea Hydro and Nuclear Power) and the newly-elected government address public concerns around nuclear power. As a result a number of journalists were sent to Canada to talk with operators, regulators, and suppliers to the industry, about how public opinion for nuclear in general, and refurbishment in particular, is managed in Canada.

Representatives from Ontario Power Generation (OPG) and New Brunswick (NB) Power spoke to the journalists about on-going operations, the major refurbishment program completed at NB Power and the upcoming
refurbishment at Darlington by OPG. COG invited WiN to meet with the journalists because this large group from Korea was primarily women. In Korea, like other countries, it appears that women are less supportive of the nuclear industry than men. Colleen spoke with the journalists about the role WiN plays in Canada and how we speak about the industry in a factual way responding to a lot of misconceptions that are held by the public, especially women with children. Colleen also explained our goal of encouraging more young people to choose math and science in schools, and to encourage girls and young women to choose careers in the nuclear industry, particularly in the skilled trades and technologies, where the roles are typically non-traditional. The journalists were pleased to learn WiN existed in their home country and that the current WiN-Global President, Dr. Se-Moon Park, former Principal Researcher at Korea Hydro & Nuclear Power Co. was from Korea. The Korean group spent about four hours learning about the nuclear industry from the operator’s perspective. After leaving COG they travelled to Ottawa to meet with Canadian Nuclear Safety Commission (CNSC) to obtain the regulator’s perspective on some of the same issues. Although some of the conversation required the help of a translator, it was a wonderful opportunity to exchange information about our respective country’s nuclear industry.

WIN IAEA

WIN Meets CERN

On 21 June 2013, 12 members of WiN IAEA, WiN France and WiN Switzerland paid a visit to CERN near Geneva, Switzerland. The visit was initiated by WiN IAEA and hosted by CERN’s Diversity Programme.

CERN is home to the world’s most powerful particle accelerator, the 27-km Large Hadron Collider (LHC). The LHC produces head-on collisions between two beams of highly accelerated protons, which allow scientists to explore new territory in matter, energy, space, and time, for example the detection of the HIGGS boson. Four huge detectors – ALICE, ATLAS, CMS and LHCb – observe the collisions. Due to the current shut-down of the LHC, WiN members were able to visit one of these detectors, ATLAS, 92 m below ground level. With a diameter of 25 m, a length of 46 m and a weight of 7000 tons, ATLAS records 3200 terabytes of data per year, which is equivalent to about 3 billion books. 3000 scientists from 38 countries and 174 universities and labs work for the ATLAS experiment (for more information, visit http://www.cern.ch and http://atlas.ch).

After the tour Winners exchanged views and experiences with female scientific and managerial staff of CERN. The visit has created new relationships across borders and opportunities for future interactions, thus strengthening the network between WiN chapters and beyond.

WIN Germany

WIN Germany member is new Co-director of Dalton Nuclear

Professor Melissa A. Denecke, a member of the WiN Germany chapter since its founding in 2008, will start a new position as Co-Director of the Dalton Nuclear Institute at the University of Manchester on July 1st, 2013. She is leaving her role as department head at the Karlsruhe Institute of Technology, Institute for Nuclear Waste Disposal. Dalton Nuclear Institute has the most advanced academic nuclear research capability in the UK and is a leading centre for higher learning in nuclear science and engineering. A key aspect of Professor Denecke’s role will be to enhance Dalton’s already strong industrial partnerships. When asked in a recent interview about being a woman in a man’s world she stated, “I hope I am a role model for young women who are embarking on a career in nuclear research.”
WiN-Poland introduces one of the nuclear application sectors which are the isotope dating and palaeoclimatology research through the media report of one of WiN member, Prof. Dinara Abbasova who is a specialist on this field.


WiN Korea

WiNK Mentoring Workshop

WiN-Korea held "WiNK Mentoring Workshop" on 23rd March 2013 in Daejeon, Korea. Ten WiN-Korea mentors and 12 mentees of university students participated. The workshop was to educate them how to engage through the WiNK Mentoring Program. After the workshop the mentors and mentees signed up the agreement document to engage the WiNK Mentoring Program for six months.

“Nuclear Technology for Cultural Heritage Characterization, Dating and Preservation”. 
WiN-Korea President, Dr. Se-Moon Park gave a complimentary address and introduced WINK activities. An orientation of “WINK Mentoring Program” for mentors and mentees was given by Dr. Young Mi Nam. As a guest speaker and one of the mentors, Yoo-Jeong Choi gave practical advice which is helpful for getting a job by delivering her speech on “Sharing the Experience of Mentoring”. They also had an opportunity to experiment with some scientific phenomenon in direct or indirect way through an experience study program at the Daejeon Expo Science Park after the workshop.

WiN-Korea has been carrying out a “WINK Mentoring Program” to cultivate female nuclear personnel and to help university students work in the field of nuclear since 2011. It has also built strong relationships between mentor and mentee through regular on-line and off-line activities with a mentor-mentee matching system reflecting various conditions such as major, interested fields, and career interests, etc.

 Especially, WINK has also been carrying out mentoring systems to support career development of female scientists at nuclear-related institutes from this year. Se-Moon Park, insisted in the workshop that the “WINK Mentoring Program” will contribute to cultivating competitive female nuclear personnel with its continuous systematic operation.

MOU with KOINCOF for Mutual Collaboration

WiN-Korea and Korea Nuclear International Cooperation Foundation (KOINCOF) have signed MOU for mutual cooperation to boost the public communication on 10th May 2013 at the KOINCOF meeting room. WiN-Korea President, Se-Moon Park, General Director of KOINCOF, Se-Joon Yoon and staff of both organizations participated in the ceremony.

This MOU is for enhancing cooperation between two organizations by various activities such as a nuclear education & training project, cooperation study, and inter-organizational information sharing, etc. The President Se-moon Park said that both organizations have built close relations to enhance cooperation for development of the public communication through this MOU and have gained a foothold to cooperate with each other in various fields in the future.

Meanwhile, KOINCOF is an organization to promote exchange of information and opinions and cooperation in the field of nuclear. In addition, it carries out cooperation and supporting project to cultivate domestic and overseas nuclear manpower.

Training Course on "Enhancing Nuclear Communication Skills"

WiN-Korea and KOINCOF held a training course named "Enhancing Nuclear Communication Skills" as the first collaboration project at Beach Palace Resort, Muchangpo on May 2-3 2013. The training course for Win-Korea members is to enhance communications skills and to promote good communication with the public.

This training course consisted of two classes. In the first class, Prof. Jin-Hyu Mok (Kookmin University) gave a lecture on the understanding of nuclear communication & methodology. WINK members also had time for a SWOT analysis for nuclear communication. In the second class, Gwang-Su Hong (Representative of DISC research institute) gave a presentation on establishing a communication strategy by DISC analysis, and everybody participated in the activity.
to apply the communication strategy. This course was an opportunity not only to promote nuclear understanding but also to build capacity of nuclear communication for WINK members.

**WiN UK**

URENCO launches Powerful Facts campaign to promote nuclear energy

WiN UK introduces URENCO's recent active nuclear promotion.

URENCO, one of the world’s leading suppliers of enriched uranium, has launched its new Powerful Facts campaign to promote the need for a balanced future energy mix and to engage with a wider audience about the positive benefits of nuclear power. The campaign is based on a series of fascinating evidence points about nuclear power and its role as an integral component of the world’s energy mix, essential to meet the ever-growing demand for secure, sustainable, cost-effective and low carbon-emitting energy. The advertisements for the campaign, which started in June, will appear in print and online and are supported by a dedicated page on URENCO’s website. In addition URENCO will share exciting facts about nuclear energy with its Twitter and Facebook audiences. The first ad paints a picture of two of the world’s greatest cities London and New York, highlighting their dependence on energy. It goes on to describe how nuclear power can be trusted as a constant and efficient source of energy for cities across the world, which is supported by the ready availability of enriched uranium. The second ad looks to highlight the efficiency of nuclear power, showing how a tiny amount of uranium is needed to produce the same amount of energy as one ton of coal. With the vast resource of uranium available worldwide, nuclear energy is also a secure source of energy for our future needs. The third reminds us how cutting CO₂ emissions is crucial for every nation, as each one seeks to protect the planet for future generations. It looks to inform audiences how virtually no CO₂ is emitted in the production of nuclear energy. The fourth ad in URENCO’s new campaign shows how more and more lifestyles across the world depend on high volumes of energy, and this makes it more imperative to their governments that they meet energy needs from a secure and dependable source. It states how energy independence can be gained with nuclear because it is both abundant and low cost. The fifth and sixth ads will focus more on URENCO's service to its customers and concentrate on the strengths of quality and responsiveness. For the seventh ad, URENCO employees have been asked to submit a Powerful Fact of their own focusing on the nuclear industry or URENCO. The most striking fact will form the final ad in the campaign. Helmut Engelbrecht, Chief Executive Officer of URENCO, said about the campaign: “We have developed the Powerful Facts campaign because we believe that a balanced approach to energy production is required to meet global energy demand. We remain confident in the long-term future of the nuclear sector as an essential part of the global energy mix. We want more people to understand the fundamentals of nuclear energy and put this topic further up on the political agenda and make more people aware of the benefits of nuclear power.”

Visit: [www.urenco.com/powerfulfacts](http://www.urenco.com/powerfulfacts)

**WiN Ukraine**

**WIN Activity in the International Forum**

The representative of WiN Global in Ukraine
Yulia Gerashchenko is Coordinator of the International Forum «Nuclear Security – Counteraction Measures to Acts of Nuclear Terrorism».

The Sixth International Forum was attended by representatives of the United Nations Office for Disarmament Affairs (UNODA), International Atomic Energy Agency (IAEA), Delegation to Ukraine of the European Union, Asia Pacific Safeguards Network (APSN), Forum for Nuclear Cooperation in Asia (FNCA), Secretariat Organization for Democracy and Economic Development GUAM, Women in Nuclear Global (WiN), representatives of the competent authorities, nuclear industry, research and industrial circles from the United States, Russia, Japan, China, South Korea, Bulgaria, Belarus, and Ukraine.

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During the three days of the Sixth International Forum, participants talked about the practical aspects of the counter the threats of nuclear terrorism and increase the level of nuclear security. Experts from different industries were able to learn about the state of affairs in the related industries and share their experiences.

At the Sixth International Forum discussed issues of international cooperation and partnership, legislation and regulatory frameworks, assuring security of domestic and international transportation of nuclear and radioactive materials, nuclear security culture, consequences in case of probable acts of nuclear terrorism, innovations and activities aimed at reducing nuclear risks.

The main attention on the Sixth International Forum was focused on issues: prevention, detection and suppression of nuclear terrorism.

The presentations were informative and educational enough so that we were able to understand the design accelerator, target station and the different instruments placement. The aim is to be able to provide 22 different instruments for "neutron radiation" each with a different energy, wavelength etc.. The applications range from research on materials for drugs, cells, proteins, etc..

Please look at their digital presentation: http://esss.se/exhibition/accelerator.php

One of several good presentations can be found here. It is called Accelerator and Target without equations: http://goo.gl/LJicm. (Open it and enjoy)

It will be extremely fascinating to see the plant grow on the plains of Skåne. It will not only impress in its size but also its architecture.

After the good lunch we were served, we walked over to the MAX IV Laboratory for an exciting tour. MAX IV Laboratory is a Swedish national synchrotron radiation, it has existed and evolved constantly since the 80s and includes both the existing MAX-Lab and the new facility that is under construction - MAX IV. The laboratory is used annually by a thousand researchers in a variety of disciplines, from different parts of the world. Research projects vary enormously in both basic and applied research. It is mainly about material science and very much on the structure and dynamics of applications. The plant will be the best in the world in several respects including the world's most powerful neutron source and the researchers will certainly stand in line to hire and get to use the equipment for their various experiments.

ESS is an intergovernmental project and currently has 17 partners behind. The facility is scheduled for completion in 2019 and to be fully developed by 2025.

Visits to the ESS and MAX-lab

On 8 March, the Scandinavian WiN women went on a memorable visit to Lund. During the morning we had several really great presentations of the future operations of the European Spallation Source (ESS a world-leading center for materials research with neutrons).

We learned how to successfully accelerate protons to free neutrons, the need for a multitude of applications. The plant will be the best in the world in several respects including the world's most powerful neutron source and the researchers will certainly stand in line to hire and get to use the equipment for their various experiments.

WiN Global Quarterly Magazine
liquids, and gases and molecules.

Construction, out on Brunnshög (next to ESS), the new facility MAX IV was started in 2010. The plant will be ready for use in 2016. The image below shows two of the sections that will be used in the linear accelerator at MAX IV.

More on the MAX IV Laboratory can be found here: https://www.maxlab.lu.se

It was always fascinating to visit businesses where creativity and knowledge flows. We had the privilege of being guided by a teacher and very dedicated woman. In the picture below, she stands in front of one of the lovely "state of art available at the facility.

**WiN - Meeting in Germany**

As part of the cooperation between the WiN organizations in Sweden and Germany, Swedish WiN were invited to a few days of site visits and networking in Lingen in the north-west of Germany. The location was excellent for there we were able to see a large part of the fuel cycle.

Overall, we were more than 30 participants, of which a third came from Sweden.

The program was well planned and condensed. The first day we visited Urenco and learned about how to enrich uranium. It was exciting to take part in the process. My lessons learned from it was that in the newest unit they had chosen to change the process and was now working under lower pressure and thus with fewer safety issues to take care of. Uranium powder was transported in pipes under subpressure, and the plant was running 24 hours a day, all year round without outages and is clean and well maintained. Urenco has a large share of the world market, few competitors and good revenues but owners still considering to sell their shares for political reasons, which is sad (ed. note).

From enrichment facility we went to Areva's fuel fabrication plant. While there we listened to great presentations and got a nice tour of the facility. Nice guides and small groups bailed for good quality throughout the whole visit. We got to see how the powder was mixed and transferred into pellets. Furthermore, how the pellets were processed and then all the careful handling and transformation into fuel rods and assemblies. It was a long day. When we in the early evening were walking around the plant with double shoe covers, double gloves and oversized coats we must have looked like a bunch of weary surgeons after a night-long operation.

We all stayed in a nice hotel between the Ems and the canal and with waterfall and fish ladders outside. The first day it was full sunshine and hot summer so the greenery exploded and we all got summer feelings. In the evening we mingled and ate a delicious dinner at the hotel. Pumpernickelmousse and drank "Hugo" (elderberry juice, sparkling wine and mint) and all became new friends.

The next day was winter cold again or rather autumnal with a cold rain. Our second day was devoted to a visit to the nuclear plant next door, Emsland. The power plant is operated by RWE whose witty slogan appears at the left edge of the card below.
My lessons learned from there was acquaintance with cooling towers. In order not to heat up the water in the river that flowed past the need to cool the water down before they release it. Summertime is the river water not sufficient so some weeks they need to use a man-made lake.

Most impressed were we, however, by their availability and the very low radiation doses to staff year after year. The plant has only one block, a PWR of Konvoy type. Cooling towers in the background belongs to a nearby gas plant.

Between site visits, we shared each other's experiences through a whole series of short presentations:

- The situation in Germany
- Swedish experiences after a new political
- Fuel manufacturing
- License for decommissioning
- Vattenfall "New Build"
- Mentoring in Germany and Sweden

We were served a lot of nice food. The Germans greatly challenged our Swedish smorgasbord.

The trip home went well except for a couple of hours outside Hamburg, where it was the Friday rush hour and roadworks.

At each meeting of WiN, I get so overwhelmed by the concentration of knowledge, experience, commitment, charm and femininity. You go home full of new knowledge, more friends, many ideas and new energy.

WiN is networking at its best! Loving, fun and educational at the same time!

2013 STP Flags

Since STPNOC WiN was started in 2003, the members have worked hard on a variety of committees and in conjunction with many partners to further the chapter missions of community outreach, public awareness, and communication. Sometimes this takes the form of mentoring young women, at other times teaching children in the schools about nuclear power. STPNOC WiN has always encouraged members to share their insights and what is important to them, professionally and personally. To that end, when the Supporting Troops & Patriotism Committee was formed in 2010 honor family members of our employees who are actively serving in the United States Military, STPNOC WiN formed another important community partnership. It is a partnership that means a great deal to many WIN members professionally and personally and grows stronger each year.

Since developing the Supporting Troops & Patriotism Committee, two very important American holidays honoring American Servicemen and women are always celebrated in a very visible and symbolic way. Each year, for Memorial Day and Veterans Day, the committee organizes an American Flag display along the STP East Gate entry road. The flags are displayed during the Memorial Day and Veterans Day work weeks and honor not only those serving our county, and those that have made the ultimate sacrifice, but the many veterans employed at STP today. A display of this magnitude, including 600-700 flags, is something that takes planning, organizing, skilled execution, and hours of volunteer labor. That is where the very strong community partnership that STPNOC WiN has developed with Bay City Boy Scout Troop 45 plays a key role. STPNOC WiN members have reflected on this partnership overtime, and so have the scouts. We asked Star Scout, William Billings, who has participated in the placement of the flags at STP each Memorial Day and Veterans Day since 2010 to reflect on how this partnership and what his work with the Supporting Troops & Patriotism Committee means to him.

"When I first joined Troop 45 in 2010, placing the flags along the road to STP was one of my first activities. As a newcomer to the troop I desperately needed troop activities to advance so I decided to participate. My parents both work at STP and are WIN members, so I knew it would
help them too.
When we made it to STP, before we even started working, the scout leaders immediately had us start off by having some water. Little did I know how helpful it would be later on as the day warmed up and the hours passed? We split up into separate teams and started hammering on opposite sides of the road. Because I was a younger scout I didn’t get much “hammer time”, so I felt pretty useless just handing flags to the scouts and scout masters who were doing all the hammering. It wasn’t until about 3 hours later that I realized how much longer it would’ve taken if there hadn’t been anyone to pass out the flags like I was assigned to do. When we were finally finished, I looked out on the road feeling proud to be a part of this great project and I thought about my family members who had served in the military. I was really proud that STP and WiN were honoring and remembering everyone who had served.
So from then on I didn’t just come out to get activities for my Boy Scout advancements. I came out each time we placed the flags for Memorial Day and Veterans Day so other people could feel just as proud as I did when I saw those flags all lined up on the road. Every time we place them, we encourage the youngest and oldest scouts to come and help. And I look forward to helping year after year. I want to keep on being a partner with STP and WiN.”

First Group of Bay City Boy Scouts from Troop 45 to place flags along the STP Access Road in 2010

Flags along the STP Access Road Placed Bay City Boy Scout Troop 45

Newest group of Bay City Boy Scouts from Troop 45 to place flags along the STP Access Road in 2013 – over a dozen regularly help

2013 Westinghouse Women in Nuclear Scholarship Awarded

Lily Zhang, an academic standout and talented musician from North Allegheny Senior High School is this year’s Westinghouse Women in Nuclear (WiN) Scholarship recipient. The award – $2,500 for Lily’s college education – was presented at a special breakfast in her honor on May 10 at Westinghouse’s Cranberry Woods Headquarters. After a safety brief, Michele DeWitt, Westinghouse’s vice president of Nuclear Fuel Global Product Management and Strategy, and WiN executive sponsor, welcomed the winner, her mother and AP science teacher. Then she introduced Danny Roderick, Westinghouse’s president and chief executive officer, who congratulated Lily and presented the award, which Lily plans to apply to her undergraduate degree in chemistry at Harvard University. Lily was selected from over 30 applications received from Pittsburgh-area high schools. Submissions were judged by a
committee of Westinghouse WiN representatives based upon the applicants’ academic performance, extracurricular activities and responses to a two-part essay question. At North Allegheny Senior High School, Lily has a QPA of 4.71, placing her at the top of her graduating class. She was a 2012 National Merit Scholarship Program finalist and a 2012 AP Scholar with distinction award winner. Lily was the student representative for the One Young World International Youth Forum and the youth reporter for the One Young World 2012 Summit. Lily held leadership positions in speech and debate throughout high school as well as in French club, where she served as student president. Additionally, she co-founded the North Allegheny Forensics Institute Summer Camp, the district’s first student-founded summer camp, as well as founding, and serving as president for, the group Student’s Empowering Others. Outside the classroom, Lily founded, and was a dance instructor for, the Pittsburgh Chinese School of Dance. She was co-captain for the North Allegheny Girl’s tennis team. She performed as a pianist at the Carnegie Mellon University’s Music Preparatory School and was a piano soloist at the Carnegie Music Hall multiple times. Lily also holds the gold and bronze medals for the World Piano Competition in two separate years. Additionally, she performed research for the University of Pittsburgh’s Center for Pharmacogenetics Laboratory, conducting experiments on drug-to-drug interactions. The Westinghouse-WiN Pittsburgh Chapter scholarship was established in 2007 and is awarded to an area female high school senior who intends to pursue a bachelor’s degree in engineering, mathematics or physical sciences at an accredited college or university. From 2007 to 2009, the amount of the scholarship was $1,000. In 2010, in recognition of the continuing success of this program, the award amount was increased to $2,500. A special thank you to the WiN scholarship committee for their hard work and dedication to the scholarship program! For questions on the Westinghouse WiN scholarship program, contact Debbie Pillar (pillardz@westinghouse.com).

CELEBRATING SUCCESS

The Swiss Nuclear Society honours Irene Aegerter

Dr. Irene Aegerter was appointed honorary Member of the Swiss Nuclear society for her constant and deep commitment to nuclear energy in Switzerland.
Since the 1970s Irene has been a staunch advocate of nuclear energy, the President of the Swiss Nuclear Society, Dr. Johannis Nöggerath, stated. Since completing her PhD and throughout her professional life, she has championed the ecological and economic advantages of a stable supply of electricity by means of nuclear power in countless public appearances. Her deep understanding of nuclear energy, as a member of the Federal Commission on Nuclear Safety, her penchant for electricity- and energy policy in general and her feeling for public concerns and especially her important role as a conveyor for women, Irene has served the cause of nuclear in a really outstanding way.

Her recent assessment of the role of nuclear energy – for instance as Vice President of the Swiss Academy of Engineering Sciences after Fukushima – was important for us all. We commend her for her powerful influence on the language of the important Report of the Swiss Academies, where she stayed the course for nuclear energy, even against the mainstream in this body.

I had the pleasure to discuss the Fukushima accident several times with Irene and although she is no longer professionally active, her assessment of the causes of the accident – that it was not the residual risk but lack of retrofitting – has been clear and correct. The president concluded the ceremony.

MARK YOUR CALENDARS

2013 WiN Global Annual Conference: 5-11 October in Johannesburg, South Africa

2013 WNA Symposium: 11-13 September, 2013 in London, UK

2013 IAEA General Conference: 16-20, September, 2013 in Vienna, Austria

2014 PIME: 16-19, February, 2014 in Ljubljana, Slovenia

TECHNICAL PAPERS

Not available in this issue.

President’s Corner

Editorial meeting for “20 Years of WiN” in London on 11 May

An editorial meeting for “20 years of WiN” was held in a WNA meeting room in London on 11\textsuperscript{th} May, 2013. Editorial Committee members, Irene Aegerter, Se-Moon Park, Anne-Marie Birac, Gabriele Voigt and Gabrielle Flannery participated. Appreciation goes to Gaby Flannery for arranging the meeting.
Planning Meeting for the 2013 WiN Global Annual Conference on 24th June in London

Se-Moon Park organized the planning meeting for the 2013 WiN Global Annual Conference in South Africa on 24th June in London. Thanks to Gaby Flannery, the WiN Global Administrator for her arrangement of the meeting. The members of the organization committee of South Africa, Margaret Mkhosi, the President of WiN South Africa, and Ntsoaki Tlape attended.