



WIN Global Board Meeting and WIN-Sponsored Workshop PIME Conference, 11 - 15 February 2007, Milan, Italy

On Tuesday, 13 February, Women in Nuclear invite participants of the PIME Conference to attend a workshop called "What do people really think about nuclear energy?".

The session is organized in cooperation with WIN, and focuses on monitoring, measuring and interpreting public opinion, as well as on lessons to be learnt from the views expressed by citizens. The workshop will be of interest to communicators and specialists in the fields of radiation technologies, nuclear power and nuclear waste.

You can find details of the PIME Conference on the website www.pime2007.org.

In parallel to the conference and following the workshop, the **Board of WIN Global** will meet to discuss progress to date and priorities for future actions. The Board meeting is open for attendance by any WIN member. Besides, you are not required to pay the conference fee if you wish to attend the Board meeting only but not the conference.

WIN Global Annual Meeting 2007 in Indonesia

The 15th Annual Women in Nuclear Global Meeting will be held in Indonesia in April 2007. Unlike previous meetings, this one will be held over six consecutive days in three different locations: Yogyakarta, Jakarta and Bali.



The event starts with a few optional tours in Jakarta and Yogyakarta. On Saturday 21 April 2007 in Jakarta, the capital of Indonesia, the participants will have a day visit to Jakarta's nuclear facilities. On Sunday, 22 April, there will be a chance to see the great ancient culture of Yogyakarta.

The major event – the WIN Global Conference – will be held from 23 to 26 April in the most famous tourist destination in Indonesia – Bali. On the first day, Monday 23 April, the participants will be introduced to the beauty of Bali's nature and culture. Seminars, presentations from keynote speakers and country reports will take place over the next three days from Tuesday to Thursday, 24-26 April.



The organizing committee of WIN Indonesia has created a website which is currently still under development. However there you can already find a lot of important information, including registration. Please go to <http://www.win-ina.org/> or contact the secretariat for more details: Tel.: +6221 7659375 / +6221 7690709; Fax: +6221 7691607 / +6221 7513270; or Email: setjor@yahoo.com



An Evening of Chemistry in Kozloduy

By WIN Bulgaria

On 7th December, women working at Kozloduy NPP – members of Bulgarian WIN – organized an evening event dedicated to chemistry. The event, named “Nuclear Power Plant: Chemistry and Environment”, attracted participants from three high schools in Kozloduy town and one high school in Belene town, where a new nuclear power plant will be built. In front of an audience of 500 people, in four competitive rounds, the students demonstrated their remarkable knowledge in this area.



The teams also conducted some experiments on a stage specially equipped for the event.



The professional jury of the contest consisted of chemists from Kozloduy NPP. They had great difficulties in determining the best-prepared participants, however, in the last round, the lead was taken by the “Electron” team of Kozloduy’s Christo Botev school. All participants received a lot of prizes for their efforts.

The same evening, young people and guests listened to two presentations about the application of chemistry in nuclear power plant operations and environmental monitoring.

The young contestants had an opportunity to see the nuclear power plant the next day.

This thematic event promoted the safe use of peaceful nuclear power and protection of the environment, and its organization was possible thanks to a WIN initiative and strong support from the management of Kozloduy NPP and other nuclear companies in Bulgaria. Their representatives were present in the audience together with classmates, parents and teachers of the contestants.

The high level of this event's organization was confirmed by the presence of Kozloduy NPP's Production Director, who said in his welcoming speech “I'm glad to see that these young people from Kozloduy and Belene have ambitions to continue the nuclear power traditions in Bulgaria. This important technology certainly requires excellent knowledge of chemistry too.”



In the Core of Innovation In Micro- and Nanotechnology

By Anne-Marie Goube, WIN-France in Burgundy

In September, Burgundy branch of WIN France together with SFEN (Société Française d'Énergie Nucléaire) organized a visit of 45 students from ESIREM (Ecole Supérieure d'Ingenieurs de Recherche en Matériaux) in Dijon to the Minatec Innovation Centre.



Minatec was set up by the mutual initiative of the CEA-LETI (Commissariat d'Énergie Atomique Laboratoire d'Électronique de Technologie de l'Information) and the National Polytechnique Institute of Grenoble. Minatec's ambition is to become Europe's top centre for innovation and expertise in micro- and nanotechnology. Minatec benefits from Grenoble's internationally oriented scientific and technological environment which concentrate more than 43,000 strategic jobs in a city of 500,000 people. LETI employs 1600 people. The students attending this technical tour may well become its future employees.

During the visit, the students discovered a world-leading microchip fabrication facility. Here are made numerous microchips used in our telephones, television sets, cars, scales, coffee machines, alarm clocks, traffic lights, car radios, lifts, PCs, printers, etc. The list is long. LETI is also a leading producer of car accelerometers, devices that are designed to save people's lives.

We could not enter every room. Some rooms are called “white rooms” where workers have to wear white protective cloths. Those rooms are dust-free and have to be maintained under high pressure. Philippe Brincard, head of the “Caractérisation Physique” department, illustrated the reason for these strict conditions: “any copper dust on a stack of silicon semiconductor sheets would turn this material conductive”.

Dennis Duret, responsible for promotion and regional cooperation, welcomed us with a lecture about the CEA, its duties, and about the place of LETI in this France’s leading research centre. We were surprised by the number of links this facility had developed with organizations from industry and research in France as well as internationally. Denis Duret pointed out: “In our job, it is better to speak many languages, and you should expect to have to travel all around the world”. Philippe Brincard added: “During job interviews, sometimes there is a question such as ‘What spare time will I have?’. I think that those people don’t realize our demanding work environment.”

 For information about WIN activities in France and to read other articles published by Anne-Marie Goube, please visit the WIN-France’s website: winfrance.nexenservices.com



WIN Japan’s Symposium in Aomori

On the 9th December 2006, WIN-Japan hosted a symposium in Aomori-city, in the northern part of Japan. More than 500 local residents (70% of the audience was female) participated at the symposium entitled “Message From the Advanced Energy Area of Aomori”.

After the opening address of Mr. Ebina, the deputy Governor of Aomori prefecture, Ms. Yoriko Kawaguchi, a member of councilors and former minister of environment, made a keynote speech and pointed out the necessity of nuclear power to protect the environment and to develop the world without CO₂ emissions.



The program continued with a panel discussion. Chaired by Junko Ogawa (President of WIN Global), the panel included talks by Ms. Dominique Mouillot (President of WIN-France), Mr. Uchiyama (a local radio talent and singer) and Ms. Tojima (a journalist).

The panellists discussed the state of global nuclear industry and future expectations for the development of fuel cycle facilities.



We concluded the visit by observing the infrared light line inside the synchrotron ring. Young people were very keen to see this high-tech facility where they might be employed in the future.

In the afternoon we visited ESRF (European Synchrotron Radiation Facility), one of the three largest in the world for the study of matter. Mrs Dominique Cornuéjols, doctor in physics from the communication unit, welcomed us: “Our goal is to produce X-rays, which enable us to see what is going on inside atoms. Here, the X-rays are remarkable because of their brilliance. Nothing like medical X-rays! The improvement is not on the beam’s strength but spectral purity and its possibility to focus very finely.”

Both Mr. Uchiyama and Ms. Tojima appealed for importance of improving the dialogue between the public and specialists for better mutual understanding.

Ms. Mouillot pointed out the significance of the Rokkasho reprocessing plant and the nuclear fuel cycle system. Also, she stressed significance of international cooperation for the future nuclear industry and the role of Women in Nuclear.

Ms. Mouillot and Ms. Ogawa gave a brief introduction to the young female students about their public activities on explaining nuclear technology. WIN won the hearts and minds of all the participants.



Dr. Alan E. Waltar’s marvellous book “Radiation and Modern Life – Fulfilling Marie Curie’s Dream”, issued by Prometheus Books, was translated into Japanese by Dr. Naoyuki Takaki (Associate Professor of Tokyo Institute of Technology) and Ms. Keiko Chitose (WIN member, Mitsubishi Heavy Industries Ltd.).



You will notice that they kept the original cover design as much as possible. The book was published on Nov. 17 and fascinates many Japanese readers.

Gül Göktepe is the Winner of the First Black Sea Medal for Services to Protect the Black Sea Environment

Nuclear scientist and environmentalist, and the Turkish member of WIN Global, Gül Göktepe, has been awarded the 2006 Black Sea Medal for outstanding services to protect the Black Sea environment.



The Black Sea Medal is awarded to one deserving individual from each of the six countries bordering the Black Sea to recognize their positive contribution towards national and regional efforts to protect the Black Sea environment. A special award ceremony took place in Istanbul on 31 October. This ceremony was also designed to celebrate the 2006 International Black Sea Action Day and the 10th Anniversary of the signing of the Strategic Action Plan for the Protection and the Rehabilitation of the Black Sea.

In her "normal" job, Gül Göktepe is a government research scientist who specializes in the area of energy, nuclear energy, nuclear safety, environmental risk assessment and marine radioactivity. In this capacity she has done a great deal to inform the Turkish public on the health risks associated with the many different pollutants entering the Black Sea.

However, for the past 10 years, Gül has been a member of the Turkish Environmental & Woodlands Protection Society (TURCEK) and she has taken a leading role in helping to increase public awareness of efforts to protect the Black Sea.

Gül says it was her roles as mother and an environmentalist that really inspired her to move beyond the confines of her chosen career as a government scientist.

"We can never give up the hope that we and our children can all one day share in a better and healthier Black Sea," she says.



News from WIN-Canada

4th Annual WiN-Canada Meeting

WiN-Canada is hosting a full day meeting in Ottawa, Canada on 28th February, preceded on 27th February by a technical visit to MDS Nordion.

Canada supplies two-thirds of the world's reactor-produced radioisotopes for nuclear medicine which are used in over 12 million diagnostic tests each year. Molybdenum-99, the most widely used radioisotope in nuclear medicine, is produced at AECL's Chalk River Laboratory and prepared at MDS Nordion's facility in Ottawa. The full day WiN meeting will feature a panel of women opinion leaders telling us what they really think about nuclear power, presentations on nuclear facts & figures, leadership, and a keynote presentation on "social media" looking ahead to how the world of wikis, podcasts, and blogs will change forever how we communicate the nuclear message. More information can be found at www.win-canada.org

WIN Canada's Durham chapter lunch and learn at Darlington Nuclear power station on Sept 14th 2006. The Darlington WINners who attended the global conference gave a group presentation to the other WIN Durham representatives on what they each learned from the 2006 Global Conference in Waterloo, Canada in June. Janet Donegan (Maintenance) did the introductions and context setting, Peggy Acker (Engineering) spoke on "Today Work Environment", Vickie Wodzak (Work Control) presented on "Catch them and Keep them", Rosa Lopez (Operations) discussed "New Generation" options, Carla Keel (Performance Improvement) tackled the "Gender Gap", Aileen Sullivan (Tritium Removal Facility) talked about

her key take aways and Corrina Donaldson (Operations) rounded it out with "What's in it for me". Helen Spencer (Chair of WIN Durham) closed out the meeting and provided Lunch to the group. The meeting was well attended with 51 staff representatives the station's major work groups. There were several new members who signed up and those involved are looking to try and keep WIN front and center at their worksite.



Back: Aileen Sullivan, Peggy Ancker, Corrina Donaldson, Carla Keel. Front: Rosa Lopez, Janet Donegan

WiN-Canada - We're Growing!

Since the WiN Global Meeting in Canada in May 2006, we have added three new chapters to our two founding chapters for a total of five active chapters representing almost 400 members. Plans are underway for up to three more chapters in the new year. There is significant interest in WiN-Global 2007 and WiN-Canada looks forward to sharing some of our successes with WINners from around the world in April 2007 in Bali.